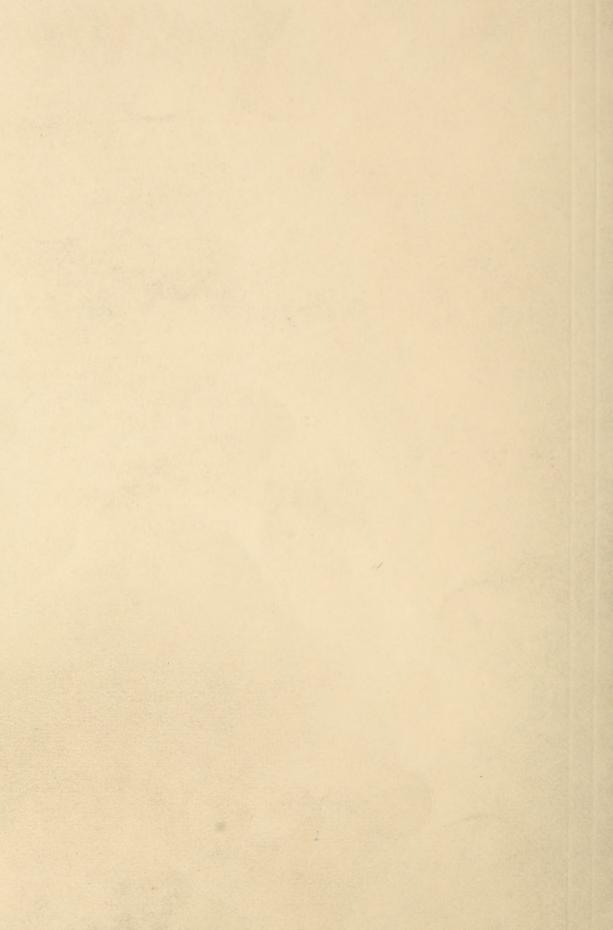
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Do not assume content reflects current scientific knowledge, policies, or practices.



Commel & Sink



LAGER & HURRELL ORCHIDS SUMMIT NEW JERSEY

ORCHIDS FRESHLY IMPORTED AND UNESTABLISHED

200

During the warm season of the year we receive shipments of freshly gathered Orchids from the forests of the tropics. We sell these by the dozen, hundred, or by the box. You have to pot and establish these yourself. It is highly interesting work. If you wish to try any of these unestablished imported Orchids, write us and we will inform you what kinds we have and the prices thereof.



VANDA SANDERIANA

For description of Vanda Sanderiana see page 46

Should you want anything in Orchids not named in this catalogue, write us. The chances are we have your wants in stock, although not catalogued.

LAGER & HURRELL

SUMMIT, NEW JERSEY



ORCHIDS

ILLUSTRATED AND DESCRIPTIVE CATALOGUE AND PRICE LIST



AGER & HURRELL
SUMMIT, NEW JERSEY

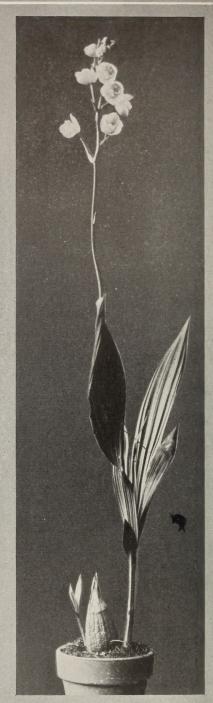


Individual Flower of Peristeria elata Espiritu Santo The Holy Ghost or Holy Dove Orchid

•Note the dove with outspread wings in the center See page 42



Platyclinis Glumacea



Peristeria elata Espiritu Santo Holy Ghost Orchid

NOTICE

All prices in this Catalogue ARE CANCELLED

For current prices see Special List No. 78 herewith enclosed

LAGER & HURRELL

HOLLON

All prices in this Catalogue

ton current prices on Special List.

LINERER C. HURBELL



TO OUR CUSTOMERS



E take pleasure in presenting you with this Catalogue, in the preparation of which we have spared no effort to make it attractive, serviceable and original.

The Catalogue is arranged alphabetically throughout so that no confusion is possible in looking for any kind of plants wanted.

Special collections of Orchids for beginners, books on Orchids and Supplies will be found on the last pages.

Personal attention is given to every order, however small. All plants are selected with the greatest care and no expense is spared in the packing of same, thus insuring their safe arrival at the most distant points.

We would respectfully ask our foreign customers to always instruct us to forward by *express* and *not* by mail. In sending by express we can pack in properly *ventilated* boxes: this reduces risks to a minimum, while by mail the plants are deprived of air, so necessary for their welfare at all times.

This Catalogue is by no means complete, but represents the bulk of our stock at the date of publication.

We are constantly receiving fresh importations of Orchids direct from the forests of Mexico, Central and South America, and the East Indies; and upon receipt of such importations our customers will be notified by letters or circulars, stating varieties received and prices thereof.

Our place of business is situated on Morris Avenue, Summit, N. J., twenty miles from New York, on the D., L. & W. R. R.

How to reach our place from New York. Take any of the ferries at Barclay, Christopher or 23d St., or the Hudson tubes from the Hudson Terminal or any of the stations on 6th Ave. to Hoboken, and thence by the Lackawanna R. R. to Summit, N. J. The journey takes less than one hour. Once in Summit, a cab will take you to our place in a few minutes, or you can take a north-bound trolley which passes our property on Morris Ave.

Owing to the great number of species and varieties of Orchids grown by us, we have at all times something of interest to show visitors, whom we welcome here at any time.

We are ready to furnish our customers with advice at any time and on any subject pertaining to Orchids.

TERMS ON WHICH WE DO BUSINESS

All orders, correspondence or communications of any kind should be addressed to LAGER & HUR-RELL, Orchid Growers and Importers, Summit, N. J.

Remittances may be made by check, drafts on New York, money orders on Summit, N. J., express money orders, or by money in registered letters.

Orders from Unknown Parties must be accompanied by remittance or satisfactory references.

It is important that Name and Address should be written as plainly as possible, to prevent mistakes. No charge is made for boxes or packing, or delivery at the railroad station and we guarantee the safe arrival of all goods sent by express, but are in nowise responsible, after they leave our hands or for goods sent by freight.

Complaints, if any, should be made directly on receipt of goods. We promise prompt and just treatment of all claims presented.

Prices quoted in this Catalogue are as low as it is possible to make them, consistent with A1 stock, and are net cash, f. o. b. Summit, N. J.

Discount. 2% may be deducted when cash is sent with order, or if remittance is received within 10 days from date of shipment, after which time we cannot allow any discount. For all bills not paid within 30 days, we shall take the liberty to draw for the amount due. On any accounts running over 30 days, 6% interest will be charged.

Prices in this Catalogue are liable to fluctuations, according to the market.

ORCHIDS-CULTURAL DIRECTIONS

Orchids were never more popular than they are at present, due to the fact that they are, without question, the handsomest, the strangest, and the most lasting flowers in all the floral kingdom.

Most private collections have some representative of this queenly class of plants, while the florists are well convinced of the fact that, to keep pace with the times, they must grow Orchids, the demand for which is daily increasing. Below we are simply repeating what we have said these last 15 years regarding the culture in **general** of Orchids in **this** country and we see no reason to change at present. The fact that some of our competitors have flattered us by copying these directions shows that they are well adapted to our conditions.

Orchids are the most easily grown plants of any, if a few common-sense points are observed. The cardinal points are: First, plenty of air at all times; during the Summer months have the ventilators open night and day. Second, an abundance of light without being exposed to the full sun, which is too strong, but have the glass lightly shaded. Third, an abundant supply of water when watering, permitting the plants to dry out well occasionally so as not to get them sour. Fourth, place the plants from 18 inches to 4 feet at the most from the glass. A night temperature of 58-60° and correspondingly higher during the day will suit the greatest number of Orchids, where only one small greenhouse is available.

A great many Epiphytal Orchids need a season of growth and rest. The growing season commences when the plants begin to grow, when they should receive the maximum amount of moisture.

As soon as the growth is completed the plant should receive less water, so as to ripen the pseudo-bulb and thus insure good flowering. Under no circumstances should water be withheld so as to cause the plant to shrivel. When the buds appear, give light syringings of water, so as to develop the flower to perfection. After the flowering season is over the plant generally begins to show signs of growth, when it should receive potting or rebasketing if needed; if not, then only a top dressing of sphagnum moss, and the plant may be started into growth again. It may be well to mention in connection with the foregoing that there are exceptions to this treatment, our climate being much

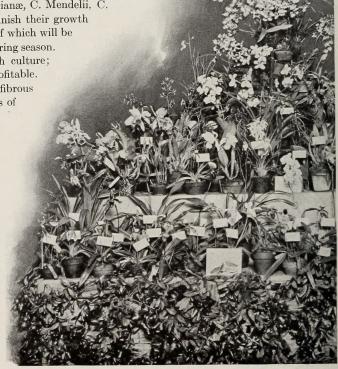
more favorable for Orchids than that of Europe, as a whole, notably for Orchids found on this hemisphere or such species as are found in Central and South America. In particular, the Colombian Cattleyas have scarcely any resting season in their own country (with the exception, perhaps, of C. Schræderæ), on account of the short rainy and dry seasons, both of which are never extreme; and we find here that such Cattleyas as C. Trianæ, C. Mendelii, C. Chocoensis and C. Percivaliana will finish their growth and start another, sometimes two, all of which will be fully developed and ready for the flowering season.

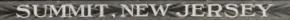
European growers would resent such culture; here it is sometimess necessary and profitable.

The best potting material is good fibrous peat and sphagnum moss, with lumps of charcoal and potsherd intermixed.

Firm potting is absolutely necessary, as no Orchid will grow well if it is loosely potted. In repotting, care should be taken not to disturb the roots, rather break the pots, while the baskets may be taken apart carefully or set into a larger one and material worked around. Avoid overpotting and do not disturb the plants unless necessary. With these general cultural directions any beginner will be able to grow Orchids and reap a rich harvest of their exquisite flowers.

For further and more detailed information we respectfully advise the procuring of some book on Orchids. A list of such books will be found on page 52 of this Catalogue.





CLASSIFIED AND DESCRIPTIVE PRICE LIST OF ORCHIDS

ACINETA

Strong-growing plants with drooping racem showy, fragrant flowers related to Peristeria. C bia.	es of colom- Each
A. Barkeri	\$2.50
A. Humboldtii	2.50
ACROPERA	
A. Loddigesii (Chain Orchid). Flowers tawny-	
vellow, curiously constructed	2.50
yellow, curiously constructed	2.00
ADA	
A. aurantiaca. Flowers cinnabar-orange.	
Winter and Spring.	2.50
whiter and opring	2.50
AERIDES	
A. crassifolium. This species is one of the most beautiful of the genus of all the Aerides. Spikes long and drooping with amethyst-purple, deliciously fragrant flowers¹ produced in May and June. Burma	7.50
A. expansum Leonis	
	10.00
A. Fieldingii. Very fine inflorescens sometimes 2 to 3 feet long with a great number of white and rose-colored flowers. May-June.	07.00
India\$5.00 to \$10.00 up to	25.00
A. Houlletianum. Flowers buff and magenta,	
lip creamy white with magenta blotch.	
Spring. Cochin China	5.00



Aerides virens



Angræcum sesquipedale—See page 6

A. Larpentiæ. (Syn. falcatum). Flowers in	Each
dense racemes of creamy white tipped with crimson, lip deep rose, white and rose. In-	
dia\$5.00 to	
A. Lawrence. Rare, and one of the finest	15.00
A. Lobbii \$7.50 to	10.00
A. maculosum. Summer. India	5.00
A. odoratum majus. A very profuse bloomer.	
Flowers grow in pendulous, many-flowered racemes, creamy white, blotched and shaded with pale magenta; very fragrant. China	
and India\$5.00 to	10.00
A. quinquevulnerum. India 5.00 to	7.50
A. Sanderiana	25.00
A. Vandarum. A very rare species, seldom seen in cultivation; habit resembles Vanda teres, but more slender; flowers pure white, solitary, or in short 2 to 3-flowered racemes, 2 inches across vertically. November-December. India	10.00
A. virens	7.50
ANGRÆCUM	
A. articulatum\$7.50 to	10:00
	10.00
A. eburneum. A very large-growing plant from Madagascar\$5.00 to \$10.00 up to	25.00
A. Eichlenianum\$5.00 to	7.50
A. Sanderianum 7.50 to	10.00
A. Scottianum	

AGER & HURRELI

ANGRÆCUM-Continued

A. sesquipedale. This plant attains a height Sesquipedale. This plant attains a neight of 2 to 3 feet, with leaves about 1 foot long. Flowers the largest in the genus, 5 to 7 inches in diameter, fleshy and ivory white, with a greenish spur nearly a foot long. Madagascar. (See illustration, page 5).....\$10.00 to \$15.00

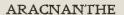
ANGULOA

(Cradle of Venus)

Cool-house Orchids of stately habit with showy waxen flowers: grow best in pots in a somewhat shady position and require a liberal supply of water while growing. Colombia.

A. Clowesii. Golden-yellow flowers.. Each \$3.50 to \$5.00

A. Ruckeri. Yellow and crimson flow-



A. Lowii. (Syn. Vanda Lowii). A most remarkable and rare Orchid, withlong, drooping, slightly hairy flower spikes, 6 to 12 feet long, bearing 40 to 50 flowers 3 inches across of tawny and greenish-yellow, marked with large

ASPASIA

A. lunata	
BARKERIA	
B. spectabilis	-2.50

BLETIA

B. Hyacinthina. Flowers rosy purple. May.. 2.50



Brasso-Cattleya Imperatrice de Russie-See page 7



Calanthe Orpetiana—See page 8

BRASSAVOLA	
B. Digbyana. ($L\alpha lia$). Large, solitary, creamy-white flowers, beautifully fringed. April-May. Honduras. (See four-color plate	Each
on fourth cover.)\$2.50 to	\$5.00
B. fragrans. A very pretty Orchid, with terete leaves; flowers profusely, with many flowers to the spray. White. May-June. Brazil	2.50
B. glauca. Flowers single on short stems, bright yellow with orange lip and fragrant. February-March. Mexico	2.50
B. nodosa. Flowers similar to B. fragrans. February-March	2.50
BRASSIA	
B. brachiata. Flowers among the largest in the genus; sepals 6 inches long, light yellow-green with a few brown-purple spots; petals shorter than sepals, with numerous spots near the base; lip light yellow. Central America.	
83.00 to B. Lawrenceana longissima. A very striking	5.00

Orchid with many-flowered peduncles, sepals 7 and 8 inches long, dark orange-yellow; with large, deep red-purple blotches; petals much shorter than the sepals; lip 3 inches long, pale yellow with a row of purple spots surrounding the lamellæ of the disc. September Carte Piece

B. verrucosa. Scapes 18 to 24 inches long, flowers greenish with black-purple, lip white 3.50

2.50

tember. Costa Rica.....



Camarotis purpurea—See page 8

BRASSO-CATTLEYA and BRASSO-LÆLIA

By this name are known hybrids derived from the intercrossing of Brassavola and Cattleyas or Lælias. They require the same cultural conditions as Cattleyas and Lælias. These are of such striking beauty that it is difficult to adequately describe them; they must be seen to be fully appreciated.

BRASSO-CATTLEYAS

All strong-flowering sizes:

BC. Eva (C. Lawrenceana × Digbyana). \$15.00 to \$20.00
BC. Fournierii (B. Digbyana \times C. labiata). \$15.00 to 25.00
BC. Gressii ×[B. Digbyana 20.00 to 25.00
BC. Heatonense (B. Digbyana \times C. Hardyana)
BC. \times Holfordii (C. Forbesii \times B. Digbyana). \$15.00 to 25.00
BC. Imperatrice de Russie (B. Digbyana × C. Mendelii) (See illustration page 6)\$15.00 to 35.00
BC. Langleyensis (B. Digbyana × C. Schræderæ)
BC. Leemanii (B. Digbyana × C. Dowiana). \$35.00 to\$50.00
BC. Maronæ (B. Digbyana × C. gigas). \$15.00 to 25.00

B.-C. Mariæ (B. Digbyana X C. Warneri).

- **B.-C. Pocahontas** (B. Digbyana \times C. Eldo- Each rado).....\$15.00 to \$25.00
- **B.-C. Prætii** (B. Digbyana × C. Leopoldii). \$15.00 to \$25.00
- **B.-C. Queen Alexandra** (B. Digbyana \times C. Mossiæ Wagnerii).....\$50.00 to 75.00
- **B.-C. Sedenii** (B. Digbyana \times C. Trinaæ). \$15.00 to 25.00
- **B.-C. Thorntonii** (B. Digbyana × C. Gaskelliana)......\$15.00 to 25.00
- **B.-C. Veitchii** (B. Digbyana × C. Mossiæ). (See four-color plate on front cover)....\$15.00 to 25.00

BRASSO-LÆLIA

- **B.-L. Helen** (B. Digbyana × L. tenevrosa). \$15.00 to \$25.00
- **B.-L. Jessopi** (B. Digbyana \times L. Xanthina)... 15.00
- **B.-L.** \times **Rolfei** (B. Digbyana \times L. Crispa). \$15.00 to 20.00
- **B.-L. Veitchii** (B. Digbyana \times L. purpurata). \$15.00 to 25.00



Calanthe Summitense—See page 8

\$15.00 to 25.00

Each

BULBOPHYLLUM Each		Each \$2.50
B. Careyanum\$3.50 \$5.00	C. Sandhurstiana	3.50
B. Dearii	C. Summitense. (See illustration, page 7)	2.50
B. grandiflorum	C. Veitchii. Flowers of a rich rose color on	2.00
B. Lobbii	gracefully arching spikes 2 to 3 feet high; one of the most useful for cutting. December-Jan-	
BURLINGTONIA	uary	2.50
DOICENGT ONIA	C. vestita	2.50
B. fragrans. A Brazilian species of great	C. vestita igneo oculata gigantea\$3.50 to	5.00
beauty, requiring plenty of heat and moisture while growing; flowers in drooping racemes,	C. Wm. Murray	3.50
white, stained with yellow down the lip 2.50	C. Williamsii	3.50
•		
	CAMAROTIS	
CALABUTIE	CAMACOTIS	
CALANTHE		
CALANTHE Terrestrial Orchids of vigorous growth and easy	C. purpurea. (Syn. Sarcochilus purpureus). A	
	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to	
Terrestrial Orchids of vigorous growth and easy	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-	10.00
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to	10.00
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-	10.00
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome flowers are produced in Midwinter when flowers of	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-	10.00
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome flowers are produced in Midwinter when flowers of this class are most esteemed.	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-April. (See illustration page 7)\$5.00 to	10.00
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome flowers are produced in Midwinter when flowers of this class are most esteemed. C. Bella. S. 50 C. Clive. 3.50	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-April. (See illustration page 7)\$5.00 to	
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome flowers are produced in Midwinter when flowers of this class are most esteemed. C. Bella. C. Clive. 3.50 C. Cornelius Vanderbilt. 3.50	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-April. (See illustration page 7)\$5.00 to	10.00
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome flowers are produced in Midwinter when flowers of this class are most esteemed. C. Bella. C. Clive. C. Cornelius Vanderbilt. 3.50 C. Jobstown. 3.50	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-April. (See illustration page 7)\$5.00 to CATASETUM C. Bungerothi C. callosum	10.00 2.50
Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome flowers are produced in Midwinter when flowers of this class are most esteemed. C. Bella. C. Clive. 3.50 C. Cornelius Vanderbilt. 3.50	C. purpurea. (Syn. Sarcochilus purpureus). A rare and beautiful Orchid, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple. March-April. (See illustration page 7)\$5.00 to :	10.00 2.50 5.00

CATTLEYA



C. Orpetiana. (See illustration, page 6)..... 3.50

Cattleya Dowiana—See page 10

The Cattleya is an exceptionally interesting and desirable subject of the Orchid family. With its closely allied genus, Lælia, it ranks among the most popular, showy and useful of all Orchids. The large, exquisitely beautiful and often sweet-scented flowers are produced in ever-changing and attractive combinations, and being admirably adapted for decorative work at all kinds of functions, they are in constant demand Cattleyas are indigenous to the Western Hemisphere, South and Central America being the regions where they abound. The species vary in habit, but practically in all the flowers are borne on upright scapes. They are easy of culture and thrive in a medium temperature of 58-60° by night and 64-70° by day and moist atmosphere, with plenty of light and ventilation. Pots, pans or baskets in which they are placed should be well drained; use good

C. viridi-flavum

fibrous peat and sphagnum moss, together with small pieces of broken charcoal and crocks. The plants require shading during bright Summer sunshine, though it must be remembered that they love the light, and a dark, gloomy house should therefore be avoided.

All those marked with an × are hybrids and require the same cultural conditions as the species.





CATTLEYAS

All strong-fi	owern	ng sizes				Each
C. Aclandiæ.	Bra	zil				\$5.00
$\mathbf{C.} imes \mathbf{Adula}$	(C.	bicolor	×	C.	Hardyana). \$10.00 to	15.00

C. Ballantineana (Natural hybrid C. Trianæ Each × C. gigas Sanderiana)......\$10.00 to \$15.00

 $\textbf{C. Bogotensis.} \qquad \text{Cundinamarea.} \qquad \begin{array}{c} \text{Colombia.} \\ \text{\$ 2.50 to} \quad \text{5.00} \end{array}$



Specimen Cattleya gigas Sanderiana—See page 10

C. amethystina.	(Syn. intermedia.)\$2.50 t	Each o \$5.00
C. amethystogloss	sa. (Syn. Prinzii.) Brazil	
	\$5.00 to	
$\mathbf{C}. \times \mathbf{Atalanta}$ (C.	$Leopoldii \times C. gigas$). 7.50 to	10.00

		Each
C. Bogotensis alba	.\$15.00 to	\$25.00
C. Bowringiana. Honduras. Nov.		
tration, page 11)	\$2.50 to	\$5.00
C Rowringiana X Ladia crisna	2.50 to	. '5.00



Cattleya Harrisoniæ-See page 10

C. Chrysotoxa (The Queen	
Cattleya). One of the most	
beautiful of all the	
Cattleyas, with yellow sepals	
and petals. The entire lip is	
velvety crimson-maroon, with	
numerous yellow veins radi-	
ating from the center. June	
and July. Colombia. \$5.00 to	15.00

C. Chocoensis.	November-	
December. Colo	mbia \$2.50 to	5.0

C. citrina. Tulip Orchid.	
Differs from other Cattleyas	
in bearing solitary flowers	
hanging downward. The	
large flowers are clear lemon-	
yellow and delightfully	
fragrant. Flowers during	
and May. Mexico. \$1.50 to	2.50

		Clarissa					
1	Mer	idelii)			 \$7.50	to	10.00

ς.	Clarkiæ	(Labiata	X	bicolor)	
			9	\$7.50 to	10.00

	Cybele, Gaskellian		C. giga:	
,		, ,		0 10.00

C. × Dietrichiana (Schilleriana × Trianæ)......\$10.00 to 15.00







Cattleya Mantini × Bowringiana × Chrysotoxa—See page 11

CATTLEYA—Continued

C. Dowiana. A grand species; sepals and petals Ea	ch
rich nankeen-yellow, lip intense purple, shaded	
with violet-rose and marked with lines of yel-	
low. Flowers during the late Summer and	
fall months. Costa Rica. (See illustration.	
page 8.)\$5.00 to \$10	.00
C. Dusseldorffii var. Undine (intermedia alba	
\times Mossice alba). Pure white. \$15.00 to 25	.00
C. \times Ella (C. bicolor \times C. gigas) 10.00 to 15	.00
C V Empress Frederick (C. Mossie X C.	
aurea)\$10.00 to 15	.00
aurea)\$10.00 to 15 C. × Fabia (C. Dowiana × C. labiata) 15.00 to 20	.00
C. Forbesii. A very pretty Cattleya with yel-	
low-green flowers, lip bright yellow on the	
inner side, streaked with red. Brazil 2	.50
C. × Fowleri (C. Leopoldii × C. Hardyana).	
\$15.00 to 25	.00
C. Gaskelliana (The Summer Cattleya). A fine	
free growing and free-blooming Cattleva.	
Flowers usually a pale amethyst-purple suf-	
Flowers usually a pale amethyst-purple suf- fused with white, but frequently deeper and	
more uniform. May-July, venezula. \$2.50 to 5	.00
C. Gaskelliana alba\$25.00 to 50	.00
C. × Germania (C. Schofieldiana × C. Hardy- ana)	
ana)	.00
C. gigas (St. John's Cattleya). Of this grand	
Cattleya we claim to have the finest and most	
distinct type in cultivation at the present day;	
the blooms of this extraordinarily free-flower-	
ing type are much more intense in color than	
the old type. A number of very valuable hy-	
brids, including the rarest Orchid in the world, C. gigas alba, which we flowered and	
exhibited at the Boston Orchid Show in 1910,	
and many more choice things have been	
flowered out of this type by several of our cus-	
tomers July-August. Colombia\$3.00 to 5	.00
Fine half specimens 10.00 to 25	.00
Very large specimens 30.00 to 50	.00

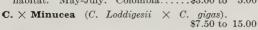
C. gigas albescens. Exceedingly rare and Each
beautiful; sepals and petals white with the faintest blush of color. The lip is rose-purple,
beautifully fringed\$50.00
C. gigas atropurpurea 50.00
C. gigas Sanderiana
(See illustration, page 9)
Specimens 10.00 to 50.00
C. gigas Rochellense. Next to Cattleya gigas alba, this is the rarest Orchid in the world today. Sepals and petals are pure white. The lip is large, white, with an almost imperceptible touch of color. Price on application.
C. granulosa. Flowers 3 to 4 inches in diameter, 5 to 8 on a peduncle, of yellowish olivegreen with red spots; blade of lip white, with crimson papulæ. Brazil
C. guttata. Brazil
C. Hardyana (Natural hybrid, C. gigas × C. Chrysotox2). Probably the most gorgeous and superb Cattleyas known in cultivation. July-August. Colombia
${f C.} imes {f Harrisii}$ (C. Mendelii $ imes$ C. Leopoldii). \$10.00 to 15.00
C. Harrisoniæ. Flowers delicate rosy-lilac, 3 to 4 inches across, several flowers to the spike, of the finest for cutting. July-August. Brazil. (See illustration page 9)\$2.50 to 5.00
C. Harrisoniæ gigantea. A fine and rare form of the preceding\$10.00 to 15.00
C. Harrisoniæ superbissima. Flowers nearly 4 inches across, sepals and petals broad, dark rose; lip creamy white\$10.00 to 15.00
C. \times Heloisiæ (Forbesii \times Mossiæ)\$7.50 to 10.00
C. intermedia. Brazil
C. intermedia alba \$15.00 to 25.00
$\mathbf{C.} \times \mathbf{Iris} \ (bicolor \times Dowiana) \dots 12.50 \ \mathrm{to} \ 15.00$



Cattleya Lawrenceana—See page 11

CATTLEYA—Continued
C. labiata (Autumn Cattleya). One of the best Each known and popular Cattleyas, especially valuable for cut flower growing. Our type is noted for its broad sepals and petals and rich colors. October-November. Brazil\$2.50 to \$5.00 Large specimens
C. labiata alba
rose
C. labiata Cooksoni
C. labiata rosea. Sepals and petals light rose, lip purple, mottled with rose, with rose margin. 20.00
C. labiata \times Lælia cinnabarina\$5.00 to 10.00
C. Lawrenceana. Flowers of medium size, many to the spike, rose-purple with whitish throat; a very scarce and desirable plant. Spring. Guiana. (See illustration, page 10). \$10.00 to 15.00
C. Leopoldii. Brazil
C. lobata (Lælia Boothiana). Brazil 3.00 to 5.00
C. Loddigesii. Brazil. July-August. 2.50 to 5.00
C. Loddigesii (Winter-flowering) 5.00 to 10.00
C. luteola. Brazil
C. × Moira (C. Fabiæ × Mantinii splendens) 25.00
C. Mantini (Bowringiana × Chrysotoxa). A very fine hybrid. (See illustration, page 10.) \$10.00 to 15.00
C. maxima (The Incas Cattleya). A magnificent species, producing 5 to 10 flowers to the spike, of light rose, lip richly veined with dark crimson. November-December. Ecuador
C. Mendelii (The Virgin's Cattleya). Flowers large, varying from white to pale glossy pink; lip large, spreading, crimson-purple, much crimped at margin, with yellow blotch in the center. One of the finest and of easiest cul-







Cattleya Mendelii

)	C. \times Miss Williams (C. Harrisoniæ \times C. Each Gaskelliana)\$3.50 to \$5.00	
	C. Mossiæ (The Spring Cattleya). Flowers large; sepals and petals in shades of lilac and rose. Lip large, with purple, much crimped at margin. April-June. Venezuela. (See illustration, page 49.)	
)	C. Mossiæ. Fine half specimens 7.50 to 15.00	
	C Mossim Large specimens 20.00 to 30.00	



Cattleya Bowringiana-See page 9

C. Mossiæ grandiflora. Flowers of extra ordinary size, of a beautiful rose color, lip and throat orange-yellow, mottled and streaked with purple, rose and crimson\$15.00 to 25.00

C. Mossiæ lilacina. Flowers large, of rose color, lip marked with purple, yellow and light rose..... \$10.00 to 15.00

C. Mossiæ Reineckiana var. lilaeina......\$15.00 to 20.00

C. Mossiæ Wagneri.

C. × Murrayi (Lawrenceana × C. Mendelii). A fine hybrid with rose purple sepals and petals and large, dark-purple lip. April......\$10.00 to 15.00

C. \times Octavia (C. Dowiana \times C. Mendelii)..... 25.00

 $C. \times Olivia$ (C. intermedia $\times C$. Triana). A superb hybrid.

\$15.00 to 20.00



AGER & HURREI

CATTLEYA-Continued

C. Percivaliana (Christmas Each Cattleya). The flowers are of deep rosy-purple color, with richly colored lip of deep crimson, purple and golden-yellow. Requires same treatment as Catt-leya Trianæ. This variety is invaluable for cutting, flowering, as it does, from November to February. Venezuela.

> Fine plants... \$2.50 to \$3.50 Half specimens 5.00 to 10.00 Large specimens. 15.00 to 35.00

C. Percivaliana alba. Small plants, from \$25,00, \$50.00 and up.

C. Percivaliana atropurpurea. Flowers reddish purple all over, except the lip, which is dark purple. 15.00

C. Percivaliana aurora. Flowers very large and aurora. of fine shape, rosy lavender with a large lip of same color and with a small purple blotch in the center

surrounded with yellow and purple veins...... 25.00

C. Percivaliana expansa. Flowers very large, Each of a pleasing light, rosy lilac, lip large purple and rose words, with a broad margin of rosy and rose purple, with a broad margin of rosy lilac.....\$20.00

C. Percivaliana gigantea. A fine-shaped variety with very large flowers of reddish lilac

C. Percivaliana oreol. A handsome variety of fine shape and rare purple flowers. The lip is orange-yellow, veined with crimson, with a blotch of crimson purple in the center..... 25.00

C. Percivaliana resplendens. Flowers large purple lilac, with intense purple lip, with rose



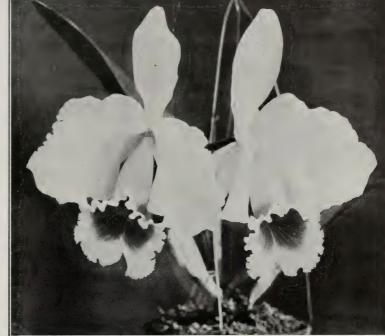
Cattleya Percivaliana var. Stanley Ranger



Cattleya Percivaliana

C. Percivaliana spectabile. Flowers hand- some and well proportioned, purplish lilac. Lip large and showy with the disc of darkest purple, bordered by a broad band of rose	
purple	525.00
C. Percivaliana Stanley Ranger. A very fine, large and handsome variety of purplish lilac, with a very broad lip of rose and dark purple and lilac fringe	20.00
C. Percivaliana superba. A fine, well-shaped variety with rose purple flowers, with a lip of rose, dark purple and crimson blended	15.00
C. Percivaliana Roeblingiana. Sepals and	
petals pure white, lip rose and crimson purple, with a broad, white border	50.00
$C. \times Pittiana$ (C. Dowiana \times C. granulata).	
\$15.00 to	25.00
C. × Portia (C. Bowringiana × C. labiata).	
(See illustration, page 48.)\$5.00 to	10.00
C. Rex (The Royal Cattleya)	
C. Schilleriana. Resembling C. Aclandiæ, but is much stronger, with dark rounded foliage; flowers in Summer from the young growths, with deep, rosy-colored large flowers, sometimes spotted; lip with darker stripes and	
shadings with pink margin. Brazil	5.00
C. Schofieldiana. Handsome and distinct; flowers pale, tawny yellow, flushed with purple and green, the entire surface spotted with crimson-purple. July-August. Brazil.	5.00
C. × Schofieldiana × C. aurea\$15.00 to	25.00
$\mathbf{C.} \times \mathbf{Schofieldiana} \times \mathbf{C.} \mathbf{Mendelii}$ 15.00 to	20.00
$\mathbf{C.} \times \mathbf{Schofieldiana} \times \mathbf{C.} \mathbf{Hardyana}.$ 15.00 to	25.00
C. Schræderæ (The Easter Cattleya). Of this superb Cattleya we have a very large stock. Owing to its beautiful, large, sweet-scented flowers, appearing about Easter-time, it is a very useful variety for cutting. We have for years spent money, time and labor in opening up an entirely new region where this Cattleya grows in luxuriance. The type is far superior to the old-time Cattleya Schræderæ, and while the colors run, as a whole, light, the variation in our type is considerable, a great number	

CATTLEYA-Contin	ued
of plants bearing flowers highly col- ored. Some of the finest named vari- eties, both here and in Europe, have sprung from this	
type\$2.50 to	\$5.00
Half specimens. \$10.00 to Large specimens.	15.00
\$20.00 to	50.00
A beautiful pure	
white form	50.00
bescens. Very beautiful, nearly white	15.00
c. Schræderæ cit- rina. A charming	
variety with white sepals and petals, slightly suffused with rose. Lip and throat bright eitron yellow, encircled at the base by a margin of rose-pink \$15.00 to	25.00
C. Schræderæ	20.00
cœrulea. A fine large form, with bluish color in the	
lip \$15.00 to	25.00



Cattleya Schræderæ-See page 12

large form, with
bluish color in the
lip \$15.00 to 25.00
C. Schræderæ
Meta. A superb
form, with pink
sepals and petals, and with bright yellow Each
throat\$15.00 to \$25.0
C. Schræderæ lilacina. A distinct, fine form of
lilac color all over\$15.00 to 25.0
C. Schræderæ refulgens 25.00 to 50.0
C. Schræderæ rosea. A pretty variety with
rose-colored flowers all over\$10.00 to 15.0
C. Schræderæ Sunset. Sepals and petals
nearly white. Lip rose purple, suffused toward
the throat with orange yellow and with rose
margin; throat orange-yellow\$15.00 to 25.0

C. Skinneri. Flowers 4 to 5 inches in diameter, rose-purple, disc of lip white, bordered with a broad zone of deeper purple, peduncles 5 to 18 flowered. March-April. Central America. \$1.50 to Specimens. 5.00 to	\$2.50
S. Skinneri rosea. A pretty light rose-colored form of the preceding\$5.00 to	10.00
C. speciosissima. Flowers very large, blush-	



Cattleya Skinneri

$C. \times Suavior$ (C. in-	
$termedia \times C. Mend-$	
<i>elii</i>)\$7.50 to	10.00
C. superba splendens.	
A most beautiful	
species with fragrant	
blossoms of a deep rich	
purplish-rose. This	
species requires more	
heat than most Cat-	
tleyas and plenty of	
water. Summer months.	
Venezuela and Colom-	
hia	5.00

this variety will bloom

at almost any time during the year. Venezuela. (See illustration, page 14.....\$1.50 to 5.00

C. × speciosissima × labiata....\$10.00 to 15.00

C. × Thayeriana (C. intermedia × C. Schræderæ alba). Almost vigorous grower with great diversity of varieties, no two being alike \$5.00 to 10.00

5.00



CATTLEYA—Continued

- X Thurgoodiana Each $(Speciosissima \times Har-dyana) \dots \$15.00 \text{ to}\$25.00$
- C. Trianæ (The Winter Cattleya). The most Cattleya). useful Orchid in cultivation, flowering in Midwinter, when flowers are most in demand, and remaining a long time in perfec-tion. Flowers 5 to 8 inches across, white, rose, lilac or purple, shaded and blended. December-April. Col-

ombia. \$2.50 to Specimens. 10.00 to 20.00 Extra large specimens...\$25.00 to 50.00

- C. Trianæ alba....... \$50.00, 100.00
- C. Trianæ Alice. Sepals and petals lavender, suffused and mottled with purple. Lip large, dark purple. Throat dull orange-yellow ... 35.00
- C. Trianæ Amesiana. Sepals and petals white, with a large, heliotropecolored lip...\$25.00 to 50.00
- C. Trianæ atropurpurea. An exceptionally fine variety. The entire flowers are of almost crimson color \$15.00 to 25.00
- C. Trianæ aurantiaca. Flowers large, very light lavender, lip light rose-purple. Throat very Each very bright yellow......\$15.00 to \$25.00
- C. Trianæ Backhousiana. Fine variety. \$15.00 to 25.00



Cattleya speciosissima—See page 13

- C. Trianæ "Brightness." Sepals and petals Each white, slightly suffused with rose; lip with a wide margin of the same color as sepals and petals, with a heart-shaped blotch of rosepurple in center, mottled with light rose; throat orange-yellow, a very distinct form \$15.00 to \$25.00
 - C. Trianæ compacta. Flowers of fine form, compact, dark lavender; lip dark purple \$15.00 to 25.00
 - C. Trianæ delicata. \$10.00 to 15.00
 - C. Trianæ luminosa. Flowers very handsome, laven-der; lip darkest purple.....\$15.00 to 25.00
 - C. Trianæ Mrs.Earl G. Bartels. Flowers very large, compact, and of fine form. Sepals and petals lavender; lip large, fringed, purple, with rose purple margin; orange yellow throat...\$15.00 to 25.00
 - U. Trianæ purpurea. Flowers of medium size and of good size and of good form, purple; petals slightly splashed with purple toward the tips; lips of darkest purple. Throat greenish-yellow . . \$15.00 to 25.00



Cattleya Trianæ

IMMIT, NEW JERSE

CATTLE YA—Continued	
	Each
C. Trianæ Mrs. Edw. S.	
Harkness. One of the	
finest varieties of C. Tri-	
anæ extant. The flowers	
are large and of fine shape;	
sepals and petals pure	
white; lip large, somewhat	
fringed, of a delicate pink	
mauve color. The throat	
is a bright orange vellow.	
A very handsome striking	

and distinct variety....\$250.00

C. Trianæ Mrs. H. J. Lutcher. A handsome variety with white sepals and petals. Lip white, suffused with rose; throat yellow..... 35.00

C. Trianæ nigrescens. A very distinct, highly darkcolored variety, suffused with purple. Lip intense purple. Flowers of medium size......\$15.00 to 20.00

C. Trianæ rosea. Sepals and petals rose-colored. Lip rose purple. \$10.00 to 15.00

C. Trianæ Schiffmannii. Flowers very large. Sepals and petals lavender, suffused with rose purple. Lip large, purple; throat straw-yellow . . . \$15.00 to 25.00

Trianæ splendens. Flowers large and fine, light lavender; lip intense



Specimen Plant of Cattleya, as Imported



Cœlogyne cristata alba-See page 16

	Each
purple ascending in a	
painted wedge into the	
orange colored throat \$	25.00

painted wedge into the orange-colored throat\$25.0
C. Trianæ virginalis. A
very choice and beauti-
ful variety, having white
senals and petals and

mauve-color	ed lip	25.00
. velutina.	Brazil	
	\$3.50 to	5.00

C. Walkeriana. A very	
fine dwarf species, with	
large, rose-colored flow-	
ers. Flowers during the	
Winter months. Brazil	2.50

C. Warneri. Flowers
large and open, 6 to 8
inches across, delicate
rose color, shaded with
amethyst-purple. April-
May Brazil \$2.50 to

C.	\times	Way	/ ri !	nia	ına	(C.	
g	ran	ulosa	X	C.	gigas))	15.0

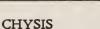
CHONDRORYNCHA

5.00

.00

C. Sp. New. Flowers	Each
similar to C. Chester-	
toni, but much finer	4
Colombia	\$5.00





C. aurea. Flowers chocolate-brown, shaded with yellow. March-April. Mexico. \$1.50 to	\$2.50
C. bractescens. Flowers pure white, except lip,	
which bears blotch of yellow. April-May.	
Mexico	2.50

CIRRHOPETALUM

C. Lendyanum	2.50
C. Medusæ \$7.50 to	10.00
C. picturatum	5.00

COCHLIODA

C. Noetzliana. A most beautiful, dwarf-grow-	
ing Orchid, with bright, orange scarlet-red	
flowers on pendulous spikes. Ecuador	2.50
C. rosea. (Syn. Odontoglossum roseum.) . \$5.00 to	10.00

CŒLOGYNE

C. asperata\$5.00 to	10.00
C. barbata	5.00
C. cristata. Flowers fragrant, pure white, except lip, which is blotched yellow; borne in many-flowered racemes; are of the finest of Winter-flowering Orchids and of easy growth.	
January to March. East Indies\$1.50 to	2.50
Half specimens 3.50 to	5.00
Larger specimens 7.50 to	10.00
C. eristata alba. (See illustration page 15.)	5.00
C. cristata Chatsworth var 2.50 to	5.00
C. cristata Lemoniana 3.00 to	5.00
C. cristata maxima	5.00
C. Dayana (Necklace Orchid) 2.50 to	5.00
C. flaceida. February-March 1.50 to	2.50
C. fragrans	5.00



Cœlogyne Massangeana

Each

C. lactea\$1.50 to \$2.50	0
C. Massangeana. January-February.	
\$2.50 to 5.00)
C. ocellata maxima)
C. pandurata)
C. prolifera 2.50)
C. Sparsa)
C. speciosa)
C. tomentosa)
CYMBIDIUM	
C. aloifolium)
C. aloifolium Swartzii 5.00 to 10.00)
C. eburneum. Flowers large, creamy white. January-February. Burma and China. (See color insert facing page 17.)\$2.50 to 5.00)

Correspondence Solicited on Anything Pertaining to Orchids

In addition to the plants listed in this catalogue, we have always on hand a number of fine varieties which crop up from time to time, including a number of Seedling Orchids from fine crosses.

Estimates will be furnished on large quantities of Orchids for stocking conservatories or greenhouses in any part of the country.

We have always a number of applications on our books from competent Gardeners and Orchid Growers whom we can recommend to parties requiring the services of such men.







Cymbidium eburneum—See page 16
Cymbidium Lowianum—See page 17
Cymbidium insigne—See page 17
All five subjects above shown are much reduced

- 4. Cymbidium Lowianum var. concolor—See page 17
 5. Cymbidium × Veitchii—See page 17

CYMBIDIUM—Continued Each
C. Findlaysonianum. Flowers tawny red, lip deep wine-red, disc yellow with white and red markings\$10.00 to \$15.00
C. giganteum. January. Burma\$5.00 to 10.00
$\textbf{C.} imes extbf{Holfordianum}$ (C. eburneum $ imes$ C. grandiforum)
C. insigne. (Syn. Sanderi.) New, very fine. (See color insert, facing page 17.)\$10.00 to 15.00
C. Lowianum. Ten to thirty-five large yellowish-green flowers on long spikes. January-February. Burma. (See color insert, facing page 17.)\$3.00 to 5.00
C. Lowianum concolor. Lip clear yellow. (See color insert, facing page 17.)\$5.00 to 10.00
C. Mastersii. India. Many-flowered spikes; pure white\$3.50 to 5.00
C. × Paulwelsii (insigne × Lowianum con- color)\$20.00 to 30.00
C. tigrinum
C. Tracyanum. A very rare and desirable plant; flowers during the Summer months. Burma
C. × Veitchii (Lowianum × eburneum). (See color insert, facing page 17.)\$25.00 up to 35.00
C. \times Wiganianum (eburneum \times Tracyanum). \$25.00 to 35.00
$ \begin{array}{llllllllllllllllllllllllllllllllllll$
C. × Woodhamsianum (Lowianum ×



Cypripedium Adrastus Mariæ-See page 19

CYCNOCHES

Each C. chlorochilon (Swan's Neck Orchid). most beautiful and curious Orchid, with large

CYRTOPODIUM

CYPRIPEDIUMS

(Lady Slipper Orchid)

Nothing in the entire Orchid family offers such a great number of species, varieties and hybrids as do the Cypripediums. The number of hybrids is becoming almost unlimited and the variations in forms and colors are almost bewildering. It is difficult to imagine anything in the plant line more beautiful, varied and interesting than a collection of Cypripediums; they are a constant source of interest to the cultivator from one end of the year to the other. The flowers when cut will outlast anything else we know, and nothing can compare in beauty and distinctiveness to a vase of cut Cypripediums of various kinds. They are the easiest of all Orchids to grow, with few exceptions.

Pot culture is preferable, and the material should consist of fibrous peat and sphagnum moss, with plenty of drainage. Cypripediums do not require any resting season and therefore should be kept moist all the year round. A temperature of 60° to 65° suits them well, with plenty of light and ventilation and lightly shaded. All the plants quoted herein are nice, healthy plants, with from two to four

growths, according to kinds.



Veitchii) . .

Cyp. Alcides var. C. G. Roebling-See page 19

.\$25.00 to 35.00





Cypripėdium \times Brownii—See page 27



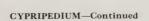
Cypripedium Bessie K. Pitcher—See page 20



Cyp. \times aureum Hyeanum \times memoria Jerninghamii— See~page~20



Cypripedium \times Curtemanii magnificum—See page 20



Each	Each
C. × Acis (Lawrenceanum × insigne Maulei) \$2.50	C. × Alector. (barbatum Crossii × Spicerianum).
C. XAcme (C. nitens × Bessie K. Pitcher).	\$2.50 to \$3.50
\$3.50 to 5.00	
C. × Actæus (insigne Sanderæ × Leeanum superbum)\$5.00 to 10.00	C. \times Almum. (C. barbatum \times Lawrenceanum). \$5.00 to 7.50
C. \times Ajax (Polettianum \times Lawrenceanum gig.). \$10.00 to 15.00	C. × Amandum (insigne Chantinii × venus- tum)
C. × Archie Niel (Leeanum compactum × Harefield Hall)\$10.00 to 15.00	C. × Amesianum (villosum × venustum). \$2.50 to 3.50
C. × A. Dimmock (Druryi × Godseffianum). \$3.50 to 7.50	C. × Aphrodite (niveum × Lawrenceanum). \$10.00 to 15.00
C. X A. de Lairess (Curtisii X Rothschild-	C. Argus \$2.50 to 3.50
ianum). (See illustration page 25)\$3.50 to 5.00	$\mathbf{C.} \times \mathbf{Artemis}$ (Dayanum \times Swanianum).
C. \times Adrastus Mariæ (Boxallii \times Leeanum) (See illustrations page 17)	\$2.50 to 3.50
C. \times Æson (Druryi \times insigne)\$3.50 to 5.00	C. X Arthurianum (insigne X Fairieanum) 2.50
C. × Albertianum (Spicerianum × insigne,	C. × Arthurianum grandinorum 3.50
var. Wallacei)	
C. × Albertianum superbum 3.50	
C. × Albert Truffaut (Harrisianum × Spi-	C. X Ashburtoniæ expansum (barbatum X insigne)
cerianum)	insigne)
C. × Alcibiades superbum. (Leeanum gig. ×	(maiama)
Mons. de Curte)	C. × Astræa (Philippinense × Spicerianum) 5.00
C. × Alcides (insigne var. Maulei × hirsu- tissimum)\$1.50 to 5.00	
C. × Alcides var. C. G. Roebling (See illustra-	\$2.50 to 5.00
tion page 17.)	C. \times aureum (nitens \times Spicerianum) 2.50 to 5.00



Cypripedium caudatum—See page_27



Cypripedium Chamberlainianum

C. × aureum Hyeanum (Spicerianum × nitens). (See illustration page 18)\$5.00 to	Each
C. × aureum Surprise	15.00
C. × aureum virginale\$7.50 to	10.00
C. \times auroreum (Lawrenceanum \times venustum)	3.50
C. barbatum	2.50
C. barbatum biflorum	2.50
C. barbatum grandiflorum	3.50
C. barbatum superbum	3.50
C. $ imes$ barbato-Mastersii (barbatum $ imes$ Master-	0.50
sianum)	3.50
C. × Baron Schreder (Fairieanum × anan-	10.00
thum sup.)	10.00
\$1.50 to	2.50
C. \times Beatrice (Boxallii \times Lowii) 3.50 to	5.00
C. × Beeckmanni (bellatulum × Boxallii)	15.00
C. × Beeckmanni × Mons. de Curte.	10.00
@OF OO +-	35.00
C. bellatulum	3.50
C. \times Bervl West Point var. (C. \times Beeckmanni	
× Mrs. Martyn). (See illustration page 26.) \$20.00 to	30.00
C Y Ressie K Pitcher (See illustration mage	50.00
C. × Bessie K. Pitcher (See illustration page 18)\$3.50 to	5.00
C. \times Bessie K. Pitcher \times Leeanum \times vil-	
losum \$3.50 to	5.00
C. Boxallii	2.50
C. Boxallii albo marginata	3.50
C. Boxallii atratum	5.00
C. Boxallii dilectum	3.50
$\mathbf{C.} \times \mathbf{Boxallii} \times \mathbf{Thompsonii}\10.00 to	15.00
C. × Bragaianum (hirsutissimum ærulescens × Boxallii atratum)\$3.50, \$5.00 to	7.50
C. Brandtiæ (× Io × Youngianum) 7.50 to	10.00
C. \times Buchanianum (Druryi \times Spicerianum). \$3.50 to	5.00
C. × calanthum (barbatum Crossii × Lowii).	
\$5.00 to	
	7.00
$C. \times callosum$ 2.50 to	7.00 3.50

C. × Calypso Oakwood var. (Spicerianum × Boxallii)	Each \$3.50
C × Chas Canham (villosum × superhiens)	
\$2.50 +0	3.50
C. Charlesworthi	2.50
C. Chamberlainianum\$5.00 to	7.50
C. \times Chamberlainianum \times Mastersii	10.00
C. ciliolare	3.50
C. × Colmanii nigrum (Harrisianum ×	0.00
Javanicum)\$5.00 to	7.50
C. × concinnum superbum (villosum × pur-	0 *0
puratum)\$2.50 to	3.50
C. concolor	3.50
C. \times conspicuum (<i>Harrisianum</i> \times <i>villosum</i>).	2.50
C. × Creon (Harrisianum superbum × @nan-	2.50
thum superbum)	2.50
<i>tum pardinum</i>)\$1.50 to	2.50
C. \times Crossianum psittaeinum 1.50 to	2.50
C. × Crossianum Tautzianum (insigne ×	
venustum parginum)\$1.50 to	2.50
C. × Curtemanii Magnificum Lows var. (Mons. de Curte × Beeckmanni)\$15.00 to	25.00
C. Curtisii	3.50
C. Curtisii × purpuratum	5.00
	2.50
C. × Dauthierii (barbatum × villosum)	2.50
C. × Dauthierii marmoratum (barbatum × villosum)	2.50
C. Dayanum	3.50
C. Dayanum superbum	5.00
C. X Deedmanianum (Chamberlainianum X Spicerianum) \$5.00 to	10.00
C. \times Dibdin (Argus \times Boxallii) 2.50 to	3.50
C. \times dilectum (Boxillii \times hirsutissimum).	F 00
\$3.50 to	5.00



 $\textbf{Cypripedium} \times \textbf{Dora-See} \ \textit{page} \ 22$





Cypripedium \times Niobe—See page 25



Cypripedium insigne Hurrellianum—See page, 23



Cypripedium Rothschildianum—See page 26



Cypripedium Harrisianum superbum—See page 22



C. × Donatianum (Harrisianum	Each
X insigne Wiottii) \$5.00 to	
C. × Dora (See illustration.	
page 20)\$10.00 to	15.00
C. Druryi	
C. \times Duchess (aureum \times insigne)	
\$10.00 to	15.00
C. × Duchess of Sutherland (Roth-	
$schildianum \times Youngianum) \dots$	
\$5.00 to	10.00
C. × Edithæ (Chamberlainianum ×	
bellatulum)	15.00
C. × Eismannii (Boxallii × Harris-	
<i>ianum</i>)\$2.50 to	5.00
C. Elliottianum	5.00
C. × Enfieldense (Lawrenceanum ×	
Hookeræ)	3.50
C. × Euryale	2.50
C. × Eurvandrum (barbatum ×	
Stonei)	15.00
C. X Evelyn Ames, var. Superbum	
(Leeanum giganteum \times Calypso, var.	
Oakwood) \$7.50 to	10.00



Cypripedium Gaudianum



Cypripedium insigne Coulsonianum—See page 23

C. F. F. C.	
C. exul\$2.50 to	Each
C. Fairieanum. (See illustration, page 49)	
C. × Fairy Queen (Curtisii × Druryi)\$15.00 to	
C. × Fowleri (callosum × Rothschildianum) 5.00 to	
C. × Fraseri (hirsutissimum × barbatum)3.50 to	
$\mathbf{C.} \times \mathbf{Fulshawense}$ (Boxallii \times insigne Harefield Hall)	
C. \times Galatea (Harrisianum \times insigne) 3.50 to	
C. × Galatea (Harrisianum × insigne)	5.00
C. X Garret A. Hobart (Lathamianum X insigne, var	10.00
Chantinii)	10.00
\$15.00 to	25.00
C. \times Gay Gordon (Thompsonii \times Lady Wimborn). 10.00 to	
C. × Geo. McWilliams	5.00
C. × Germinyanum (hirsutissimum × villosum)\$2.50 to	3.50
C. × gigas (Lawrenceanum × Harrisianum) 3.50 to	5.00
C. × gigas Corndeani 5.00 to	7.50
C. glaucophyllum	5.00
C. Godefroyæ	2.50
C. Godefroyæ leucochilum	5.00
C. × Godseffianum (Curtisii × Larewncianum)\$5.00 to	7.50
C. × Gowerianum (Curtisti × Larewncianum)	7.50
C. × Gowerianum Magnincum	12.50
C. × Gratrixianum (Bellatulum × Enfieldense)\$7.50 to	
C. × Gravesiæ (Argus × nitens)	10.00
C. \times Harlequin (Thompsonii \times Mrs. Mostyn)\$5.00 to	
C. × Harrisianum. January-March	2.50
C. × Harrisianum liniatum	2.50
C. × Harrisianum nigrum	2.50
C. × Harrisianum Pitcherianum	2.50
C. × Harrisianum superbum. (See illustration, page 21.)	
\$3.50 to	5.00
C. × Harrisianum Viridiflorum. Flowers all green. 2.50 to	3.50
	10.00
C. Haynaldianum 3.50 to	5.00
C. X Hera, var. Mrs. Tautz (nitens X Spicerianum) \$7.50 to	10.00





Cypripedium X Mrs. W. A. Roebling—See page 27



Cypripedium × Sallieri pictum—See page 26

C. insigne Lageræ. A very fine and unique variety. The entire center the dorsal sepal of reddish dark brown chocolate color, slightly suffused toward the edges with greenish yellow and with four or five pink marks at the extreme upper part of the blotch, the whole encircled with a pure white band; petals somewhat flat, heavily mottled and veined with reddish-brown (See illustration, page 21.) \$5.00 to \$C. insigne Lindeniae 2.50 to	
C. insigne luteo-album. New variety, very	5.50
fine; nearly two-thirds of the dorsal sepal is	
pure white; the remaining lower part is yellow-	
green, with a few spots\$5.00 to	10.00
C. insigne McNabianum. A grand variety.	
\$3.50 to	5.00
C. insigne maculatum	2.50
C. insigne Maulei	3.50
C. insigne Summitensis	3.50
C. insigne Sylhetense. Keeling's variety.	
Very fine\$3.50 to	5.00
C. insigne. Yellow varieties. Strong, healthy plants.	
Aureola \$3.50 to	5.00
Balliæ 3.50 to	5.00
Brightness 5.00 to	10.00
Chantini Linderi 5.00 to	10.00
Citrinum 3.50 to	5.00
Dorothy 5.00 to	7.50
Ernesti	10.00
Eyermannii	5.00
Gladys 5.00 to	7.50
Laura Kimball 5.00 to	10.00
Luciani	10.00
Merxemii 5.00 to	10.00
Sanderæ (See colored insert facing page 16).	
\$3.50 to \$5.00, \$7.50 to	10.00
Sanderianum 10.00 to	15.00
Statterianum 5.00 to	7.50







Cypripedium Spicerianum—See page 26



Cypripedium Leeanum Clinkaberryanum—See page 25





C. insigne-Continued	Each	
Westgatense\$5.00 to	\$7.50	
W. M. Dow 5.00 to	7.50	
Xanthinum 5.00 to	7.50	
Youngianum superbum 3.50 to	5.00	
C. X Io grandis (Argus X Lawrence-		
anum)	3.50	
C. \times Jas. Garfield (regale \times tonsum)	5.00	
C. × Jas. K. Polk (Chamberlainian-	7.50	
$um \times nitens$)\$5.00 to C. Javanicum	2.50	
C. Javanicum superbiens \$5.00 to		
C. \times Josephianum ($Druryi \times Javan$ -	1.00	
ico-superbiens)\$3.50 to	5.00	
C. × Joseph Howes (Sallierii × cil-	•	
losum aureum)	2.50	
C. × Juno (callosum × Fairieanum) \$7.50 to	10.00	
	10.00	4
C. X Kimballianum. Supposed natural hybrid \$3.50 to	5.00	All
C. X Laforcadei (barbatum X insigne		
<i>Chantinii</i>) \$3.50 to	5.00	
$\mathbf{C.} \times \mathbf{Lanerianum}$ 1.50 to		
C. × Lathamianum (Spicerianum × villosum)\$1.50 to	2.50	
C. × Lathamianum. Negley's va		
superior form of the preceding	\$3.50 to \$5.00	
C. Lawrenceanum. A grand species	with beau-	
tiful variegated foliage and large flow	vers 2.50	
C. Lawrenceanum Hyeanum		
C. × Leander (Leeanum × villosum)	3.50 to 5.00)
C. Lævigatum)
C. × Ledouxiæ (callosum × Han		
C. × Leeanum (insigne × Spe	\$5.00 to 7.50 icerianum). \$2.50 to 3.50	
C. × Leeanum aureum		
C. × Leeanum × Beeckmannii		
C. × Leeanum Burfordense		
C. × Leeanum Clinkaberryanum.	This grand	
Cypripedium stands unrivaled tod	lay for its	
charming beauty and distinctiven illustration, page 24)\$3.5	ess. (See	1
C. × Leeanum grandiflorum		
C. \times Leeanum lutescens		
C. × Leeanum masreenanum		
C. × Leeanum pulchellum		
C. × Leeanum superbum		
C. × Lloyd magnificum Charleswo	orth's var.	
$(bellatulum \times Swanianum) \dots \dots$	\$10.00 to 15.00)
C. × Lobengula (Harrisianum nigr	$um \times vil$ -	
losum)	\$3.50 to 5.00)
C. × Lord Derby (Veitchii × Rothsch	0.310.00 to 15.00)
C. Lowii	5.00	
C. × luridum (Lawrenceanum × v		
perbum))
C. × luridum purpureum)
C. × Macfarlanei (calophyllum × S _I	picerianum).	
	\$7.50 to 10.00	0
C. × macropterum (Lowii × super	biens) 5.00	0
C. X Mahleræ (Rothschildianum X	Lawrence-	
anum)	\$5.00 to 10.00	
C. × Mangoldii	5.00 to 7.50	0
C. × marmorophyllum (Hookeræ	× barba-	^
tum)	\$2.50 to 5.00	U



Cypripedium A. de Lairess—See page 19
Each
C. × Marstonæ (callosum × insigne Sanderæ).\$15.00
C. × Massaiana (Rothschildianum × super- ciliare)\$5.00 to \$7.50 to 10.00
C. × Mastersianum
C. × Maudiæ (Lawrenceanum var. Hyeanum × callosum, var. Sanderæ). One strong growth\$15.00 to 25.00
C. \times Melanthus (Hookeræ \times Stonei).\$7.50 to 10.00
C. × memoria-Moensii (Spicerianum × &n-anthum superbum)
C. × Minos Lowii (Spicerianum × Arthurian-
um pulchellum)
anum)
C. × Mlle. Madeleine Gayot (Dayanum × in-
signe Chantinii)\$5.00 to 7.50
C. × Mme. Barbey (Lawrenceanum × tonsum)
$\mathbf{C.} \times \mathbf{Mme. Cappe}$ (Spicerianum \times Dauthierii).
\$7.50 to 10.00
C. X Mons de Curte X Clinkaberryanum. \$10.00 to 15.00
C. × Mrs. Chas. Canham (superbiens × vil-
losum)\$2.50 to 3.50
C. × Mrs. G. D. Owen (superciliare × villo-
sum)\$2.50 to 3.50
C. × Niobe (Short Hills, var. Fairleanum × Spicerianum superbum). (See illustration, page 21.)\$5.00 to 10.00
21.)
C. × nitens (villosum × insigne Maulei). \$2.50 to 3.50
$\mathbf{C.} \times \mathbf{nitens} \ \mathbf{Gravesianum} \dots 3.50 \ \mathbf{to} 5.00$
C. niveum
C. × cenanthum (Harrisianum × insigne
Maulei)
C. × cenanthum superbum
C. \times Olivia (niveum \times tonsum)\$7.50 to 10.00
C. × Orion (concolor insigne) 10.00 to 15.00
C. × orphanum (barbatum × Druryi) 5.00
C. × Osbornei (Harrisianum superbum × Spicerianum)\$3.50 to 5.00
25





 $\textbf{Cypripedium} \times \textbf{Beryl West Point var.} - \textit{See page 20}$

	Each
C. Parishil \$2.50 to	\$3.50
$\mathbf{C.} \times \mathbf{Pavonianum}$ (Boxallii atratum \times Argus).	2.50
$C. \times Pavonianum inversum$	3.00
C. Pearcei (Syn. caricinum) \$1.50 to	2.50
C. $ imes$ pellucidum (insigne Maulei $ imes$ Dayanum). \$1.50 to	2.50
C. × picturatum (Swanianum (?) × Spicerianum)\$3.50 to	5.00
C. \times Pitcherianum (Harrisianum superbum \times Spicerianum)	7.50
$ extbf{C.} imes extbf{politum} \ (barbatum imes venustum)$. 2.50 to	3.50
C. \times Pollettianum (calophyllum \times annathum superbum)\$3.50 to	5.00
C. × polystigmaticum (venustum × Spicerianum)\$2.50 to	3.50
C. × porphyreum (longifolium, var. Hartwegii × Schlimii)	3.50
C. præstans (glanduliferum)	5.00
C. \times Premier (Beechense \times Rothschildianum). \$3.50 to	5.00
C. × Prewetii (Harrisianum sup. × Lawrence- anum). (See illustration, page 24.)\$3.50 to	5.00
C. \times Priapus (Philippinense \times villosum). \$5.00 to	7.50
C. \times Princess (Coffinet \times Fairieanum). \$10.00 to	15.00
C. × radiosum (Lawrenceanum × Spicerianum)	2.50
C. × radiosum Shorthillense\$2.50 to	3.50
C. \times regale (insigne Maulei \times purpuratum). \$3.50 to	5.00
C. × Reginaldianum (insigne × Siamense). \$7.50 to	10.00
C. \times Reynaldi (Boxallii \times villosum) 3.50 to	5.00
C. × Robinsonianum (Lawrenceanum × su-	10.00
perbiens)\$5.00 to C. × Rosettii (insigne Sanderianum × Man-	4 = 00
<i>diæ</i>)\$10.00 to	15.00

	Each
C. Rothschildianum. (See illustration, page 21.)\$5.00 to	\$10.00
C. Rothschildiano-Boxallii 7.50 to	10.00
C. Rothschildiano-Lawrenceanum 7.50 to	
C. Rothschildiano-superbiens 7.50 to	
C. Rothschildiano-tonsum 7.50 to	10.00
$\mathbf{C.} \times \mathbf{Sallieri}$ (insigne \times villosum)	2.50
C. \times Sallieri aureum\$3.50 to	
C. × Sallieri Hyeanum	
C. × Sallieri nigro maculatum 5.00 to	7.50
C. × Sallieri pictum. (See illustration, page 23)	5.00
C. × Sallieri platypetalum 2.50 to	3.50
C. \times Sappho (Lowii \times barbatum) 7.50 to	10.00
C. × Schlesingerianum (Boxallii × insigne Maulei) \$2.50 to C. × selligerum (barbatum × Philippinense).	
Maulei)	5.00
S2.50 to	3.50
$C. \times selligerum majus 3.50 to$	5.00
C. × selligerum porphyreum	5.00
C. X Siamense (Nat. hybrid callosum X Bullenianum)	5.00
C. × Sibvrolense 3.50 to	5.00
C. \times Siebertianum (Dayanum \times insigne).	0.00
\$3.50 to	5.00
C. Spicerianum. (See illustration, page 24.) C. Spicerianum aureum	2.50 5.00
C. Spicerianum roseum	3.50
C. \times Spicero-niveum (Spicerianum \times niveum).	15.00
C. Stonei	5.00
C. Stonei Canærtianum	10.00
C. superbiens (Veitchii) 3.50 to	5.00
C. × superciliare (barbatum × superbiens) C. × Swanianum (Dayanum × barbatum)	3.50 3.50
C. × Swinburnii magnificum (Argus × in-	3.50
signe)\$5.00 to	7.50
C. X T. B. Haywood (Druryi X superbiens).	
\$3.50 to C. X Tenue	5.00
C. × tessellatum porphyreum (concolor ×	2.50
barbatum)\$10.00 to	15.00
C. \times Thalia, Mrs. Francis Wellesley. 10.00 to	15.00
C. \times Thetis (venustum \times barbatum) 1.50 to	2.50
C. × Thibautianum (Harrisianum × insigne	= 00
Maulei)\$3.50 to C. × Thompsonii (Spicerianum × villosum).	5.00
\$5.00 to	10.00
$\mathbf{C.} \times \mathbf{tonso-Arthurianum}$ 3.50 to	5.00
C. Tonsum	2.50
C. X T. Charlesworthi	5.00
C. × T. purpuratum	5.00 10.00
C. × T. villosum	3.50
C. × Transvaal (Chamberlainianum × Roths-	
childianum	10.00
bum)	15.00
C. × Troilus (Sallieri Hyeanum × insigne Sanderæ)	
Sanderæ)\$2.50 to	5.00
C. × Tityus (Spicerianum × ænanthum superbum)\$5.00 to	7.50
C. venustum	2.50
C. \times vernixium (Argus \times villosum)\$2.50 to	3.50
C. X Ville de Paris (insigne Harefield Hall X	15.00
nitens)\$10.00 to C. villosum.	$\frac{15.00}{2.50}$
C V Volonteenum \$2.50 to	



C. × Wallertianum (Harrisianum × villosum)	C. × conchiferum (caricinum × longiforum, var. Hartwegii). Sepals and petals yellowish green, reddish at the tips. Lip olive green	Each
C. Warneri. (Syn. barbatum var.). 2.50 C. × William McKinley. \$7.50 to 10.00	with brown	\$2.50
C. × Williamsianum (Harrisianum × villo- sum)	Greenish white, suffused with flesh color C. × cunia (longifolium × Stonei). Resembles	2.50
C. \times Winnianum (villosum \times Druryi). \$5.00 to 7.50	Conchiferum (caricinum × caudatum).	2.50
C. × W. R. Lee (superbens × Roths-childanum)	Very pretty. Rather small flowers with long, ribbon-like petals of yellowish green and brown, with brown and red lip\$1.50 to	2.50
C × Voungeanum (superbiens × Philippin-	C. × Dominianum rubescens. A darker form of the preceding	2.50
ense)	C. × Eastonii (longifolium and Lindleyanum). Very large growing, having flower scapes 2 and 3 feet high, with several blooms open at one time. Of a green, brownish purple\$2.50 to	5.00
SELENIPEDIUM	C. × grande (caudatum × longifolium). Flowers large, yellowish white, with green, the	0.00
SECTION	long, ribbon-like petals of same color, with crimson and greenish yellow lip\$2.50 to	3.50
CYPRIPEDIUMS—Continued	C. × grande atratum. A fine, dark variety of the preceding\$3.50 to	5.00
These are so distinct in regard to habit of the plants, colors and shapes of the flowers, that they really form a separate group and we have listed them below, apart	C. × Geralda (caudatum × Lindleyanum). This is a large, strong-growing plant, with tall scapes, with flowers having long sepals similar in color to caudatum\$5.00 to	7.50
from the others. Many of them have long, ribbon-like petals and all produce a number of flowers on tall scapes, one after another. It is thus possible to have	C. × leucorrhodum (Roezlii albiflorum). Very handsome, with large flowers. White, flushed with rose and pink\$2.50 to	3.50
these plants in flower for a long time, for as soon as one flower drops, another takes its place. The colors of many are white, or nearly so, others	C. Lindleyanum. A very large growing and handsome species, with flower scapes 3 and 4 feet long, with light green flowers veined with	10.00
rose pink to purple, while some are green, suffused with yellow and purple. They are of easiest culture and	red brown	
form handsome and stately subjects in the greenhouse or conservatory when in flower.	in color\$5.00 to C. longifolium. Flowers large, pale green with	
C × alba purpureum (Schlimii × Domini-	c. longifolium, var. Hartwegii. Similar to	2.50
anum). Flowers pink, purple, white and rose purple, with long, drooping twisted sepals pinkish\$2.50 to \$3.50	preceding	3.00
C. × Baconis (conchiferum × Schlimii). Flowers rose purple	\$3.50 to C. × Macrochilum giganteum (grande ×	5.00
C. × Brysa (Boissieranum × Sedeni candidulum). Very handsome, with ivory white lips, suffused with rose, with long, twisted sepals of green and rose blended\$3.50 to 5.00	Uropedium Lindenii). Flowers very large, dorsal sepal white shaded and veined with green. Petals very long, ribbon-like, greenish white and rose. Lip ivory white, shaded with pale green and brown	15.00
C. × Brownii (leucorrhodum × longifolium, var. magniforum). Flowers large, white and rose blended (See illustration, page 18.)\$2.50 to 3.50	C. × Mrs. W. A. Roebling (caudatum × leucorrhodum). A magnificent Cypripedium, both in shape and color; with long, broad	20100
C. × Brownii leucoglossum. A superior form of the preceding	sepals of a rosy pink color, suffused with yellowish green. (See illustration, page 23.). \$2.50 to	3.50
C. × calurum (longiflorum × Sedeni). Pale green, rose purple and crimson blended, scapes very tall\$2.50 to 3.50	C. × nitidissimum (caudatum × Warscewiezii). A grand Cypripedium, with large flowers of	
C. × calurum Rougierii. A dark form of the preceding\$3.50 to 5.00	light ochre, with yellowish brown and rosy red. The petals are very long and ribbon-like. \$3.50 to	5.00
C. × cardinale (Sedenii × Schlimii albiflorum). White, flushed with rose; lip rose purple.	C. × Penelaus (calurum × caudatum). Flowers on long scapes, of a rosy purple color\$2.50 to	3.50
White, hushed with rose, hip rose, \$2.00 to 3.00 C. caudatum. Very scarce. One of the most	C. × Perseus (Sedeni porphyreum × Lindley-anum). This is one of the finest of all. The	0.00
remarkable of all, having ribbon-like, twisted petals, 24 to 30 inches long, of brownish crim-	flowers are large, crimson and white, and very tall scapes. As many as 4 to 6 flowers will	~ 00
son, shaded yellow. The dorsal is creamy white with green veins and the lip is bronzy	sometimes be open at one time\$3.50 to C. × Roezelii. Similar to C. longifolium.	5.00
green (See illustration, page 19.)\$5.00 to 10.00 C. × chlorops (longifolium Hartwegii × cari-	\$2.50 to C. Sargentianum. Pale lilac, veined red, olive	3.50
cinum). Greenish yellow, shaded with red and brown	green and purple $\$3.50$ to C. \times Saundersianum (caudatum \times Schlimii).	5.00
C. × Cleola (reticulatum × Schlimii albiflorum). Very pretty, white with rose\$2.50 to 3.50	White, suffused with rose and veined with rose and green, with carmine rose lip	3.50



	Each		Each
C. × Schræderæ (caudatum × Sedeni). One		C. × Sedenii Weidlichianum	\$2.50
of the finest of all, with very large flowers, having long, broad ribbon-like sepals, whitish green with crimson purple; the lip is dull		C. \times tenellum (longifolium magnificum \times Schlimii). Very pretty, with rose purple	
crimson\$2.50 to	\$5.00	flowers	
C. × Schræderæ Gravesiæ	3.50	C. × tenellum roseum	3.50
C. × Schræderæ splendens\$3.50 to	5.00	C. × titanum (Lindleyanum × longifolium). A very large growing plant with scapes several	
C. × Sedeni (Schlimii × longifolium). White and crimson purple \$1.50 to	2.50	feet long, with flowers of a brownish purple. Will last in flower a long time\$5.00 to	
C. × Sedeni, Gray's var	2.50	C. X uranus (<i>Lindleyanum</i> X <i>grande</i>). Large growing, with very tall scapes. Flowers green,	
C. × Sedeni candidulum (longifolium ×		rose, yellow and brown blended\$5.00 to	10.00
Schlimii). A very fine Cypripedium with large flowers, the sepals and petals of which are white with a rosy line at the margins. The lip is pale rose.	2.50 2.50	C. X Urgandæ, Graves' var. (Lindleyanum X Roezlii roseum). A magnificent large growing Cypripedium, with very tall scapes, carrying several flowers at one time; of colors very similar to the preceding\$5.00 to	10.00
C. × Sedenii porphyreum	2.00	similar to the preceding	10.00



UMMIT, NEW JERSE

DENDROBIUM

Dendrobiums are a genus of epiphytal Orchids containing many species of considerable horticultural t. More than 300 in number, the species are distributed through the tropical countries of the Eastern Hemisphere, Australia, Japan, China, India and the Philippine Islands furnishing large quantities. Most of the commercial Dendrobiums are easily cultivated, and their brightly-colored, serviceable flowers are freely produced. In dealing with such an extensive genus, having so many different forms, it is but natural that the mode of culture should vary somewhat, but their treatment can be understood and the desired result usually accomplished when it is borne in mind that as a general rule they require heat and abundance of moisture when growing, a season of cooler temperature and a reasonable exposure to air and light to ripen the growth, and a drier season to produce and mature the flowers, which are mostly large and showy, delicately colored and quite fragrant. In habit, the plants vary from the dwarf and tufted, about three inches in height, to species with pseudo-bulbs growing three to four feet high and lusty in proportion. A compost of fibrous peat and sphagnum moss, in equal parts, suits them best, and they should be grown in pans, hung near the glass.

Each

	Each		Each
D. aggregatum majus	\$7.50	D. \times Cybele (D. Findlayanum \times D. nobile).	0 = 00
D. × Ainsworthii (aureum × nobile)\$3.50	to 5.00	\$3.50 to	
D. amplum	to 5.00	Small, healthy plants to grow on	2.50
D. anceps 3.50	to 5.00	D. Cymbidioides	5.00
$\mathbf{D.} \times \mathbf{Apollo}$ grandiflorum 3.50	to 5.00	D. Dalhousieanum. Flowers 4 to 5 inches	
D. × Artemus (splendidissimum grandiflorum	ım = 00	across, pale Nankeen yellow, veined and tinted	
× aureum)\$3.50	to 5.00	with rose and with a large maroon-purple blotch on each side of the lip. Spring. Burma.	
D. X Aspasia (D. Wardianum X D. aureum	to 5.00	\$2.50 to	5.00
Small plants. \$3.50 D. atro-violacum. New Guinea		D. Dearei	2.50
D. Bensoni \$2.50		D. densiflorum. A magnificent free-flowering	
		Orchid. Sepals and petals rich bright yellow,	
D. bigibbum		with deep orange-colored lip. March-April. India (See illustration, page 30) \$2.50 to	* 00
D. Bronekhardtii.			
D. × Burfordiense (aureum × Linawianum \$3.50	to \$5.00	$\mathbf{D.} \times \mathbf{Desdemona} \dots 3.50 \text{ to}$	5.00
D. Brymerianum. Flowers golden-yellow,			
with a long netted fimbriated lip; very			
beautiful. Spring. Burma\$3.50 to	5.00		
D. Cambridgeanum. (Syn. ochreatum.)			
Bright orange-yellow flowers with a large, deep red blotch on lip. Spring. India \$3.50 to	5.00		
D. × Cassiope (nobile albiforum × monili-	0.00		77.2
forme) (See illustration, page 28).\$2.50 to	3.50		
D. chrysanthum. Flower bright orange-			
yellow, with two maroon spots on the lip,			
which is orbicular, with fimbriate margin.	2.50		
India	2.00		
D. \times chrysodiscus (D. Findlayanum \times D.	- 4		
Ainsworthi)\$3.50 to \$5.00			
Sma'll, healthy			
plants to grow on 2.50	- 4		
D. Fehrysotoxum.			
Flower of a rich gold-)). : *
en-yellow, with an			
orange-yellow disc on the lip, the margin of	4		
which is fringed.			20
India\$2.50 to 5.00			
D. crystallinum 2.50			
D. cœlogyne 2.50			
D crassinade (Sun nendulum.) A very			
with purple. Winter and Spring months.	\$2.50		
Burma Barbawanum A			30.40
D. crassinode, var. Barberyanum. A very fine variety with much more purple			
than the preceding	10.00		
D. crepidatum	.2.50		
D. cretaceum	3.50		
D. \times Curtisii (D. Cassiope \times D. aureum)	5.00		
Small plants to grow on	2.50	Dandrahium Daminianum—See mage 30	

29



DENDROBIUM—Continued

	Each
D. Devonianum. A	
very beautiful Or-	
chid with slender	
pendulous stems;	
sepals and petals	
creamy white, ting-	
ed with pink, pet-	
als tipped with	
magenta; lip white	
with purple mar-	
gin, fringed.	
Spring. Burma	\$2.50
D. × Dominianum	
(D. Linawianum	
\times D. nobile).	
See illustration,	
page 29.	0.50
Small plants	2.50
Larger plants	
\$3.50 to	5.00
D. \times Doris (Ash-	
worthias × moni-	
<i>liforme</i>)\$3.50 to	5.00
$\mathbf{D.} \times \mathbf{Dulce}$ 3.50 to	
	0100
D. \times euosmum (D.	
endocharis \times D. 1	nobile).
grow on	



Jan Van
The state of

Dendrobium Juno

	Each
D. formosum giganteum. Flowers in clusters, ivory-white, very large; lip blotched with yellow. October-December. Burma. (See illustration, page 33.)\$1.50, \$2.50 to	\$5.00
D. × Harold (D. Findlayanum × D. Linawianum). Small plants	5.00
$\mathbf{D.} \times \mathbf{Harold\ ameena}$	7.50
D. heterocarpum. (Syn. aureum.) Flowers fragrant, amber color, with velvet-like markings of brown and purple on lip. Spring. India. (See illustration, page 31.)	2.50
D. Hildebrandti	2.50
D. infundibulum. Flowers in clusters, pure white, except a yellow stain on the lip; very useful for cutting. Spring and Summer. Moulmein	0.70
Moulmein	3.50
\$2.50 to	3.50
D. \times Juno (D. Findlayanum \times D. Linawianum).	0.00
Fine plants to grow on	2.00
Larger plants\$3.00 to	5.00
D. Kingianum (Rare)	5.00
D. \times Leechianum (D. nobile \times D. aureum).	
Small plants	5.00
D. lituiflorum	3.50
D. lituiflorum Freemani 3.50 to	5.00
D. \times Luna (Findlayanum \times Ainsowrthi)	5.00
D. luteolum \$2.50 to	5.00
D. moschatum	2.50
D. × Mrs. Alfred Rogers	2.50
D. nobile. Flowers 2½ to 3 inches across, very fragrant, white and shades of purple. March-April. India. (See illustration, page 50). \$1.50 to	2.50
D. nobile Amesiæ. One of the most beautiful of all the D. nobile forms. Flowers pure white with a rich maroon disc on the lip. Fine	
small plants	2.50
Larger plants\$3.50 to	5.00
D. nobile Ashworthiæ	5.00
D. nobile Ballianum $\$3.50$ to	5.00
D. nobile Cooksoni. Small plants	2.50
D. nobile Murrhinianum. One of the finest small plants to grow on	
Larger plants\$3.50 to	5.00

SUMMIT, NEW JERSEY

DENDROBIUM-Continued

DENDROBIUM—Continued	
D. nobile nobilius. Of this grand variety we can supply small plants for	\$3.50 5.00
D. nobile Owenianum \$3.50 to	5.00
D. nobile Rajah. Flowers very large, perfect in shape. Sepals white toward the base, tips dark rosy-purple extending nearly to the center. Petals very broad, white toward base and heavily blotched with dark rosy-purple toward the tips; lip white, the lower part bordered with dark rosy-purple. Disc black-purple. The finest D. nobile we have seen. A few plants in stock only. Small healthy	5.00
plants	5.00
D. nobile Rothwellianum. Extra fine variety\$3.50 to	5.00
D. nobile Summitense	5.00
D. nobile Tollianum. Small plants	3.50
D. nobile virginalis. Beautiful white form, dis of lip rose-pink. Of this most useful variety we can supply fine, small, healthy plants to	
grow on, at	$\frac{2.50}{5.00}$
$\mathbf{D.} \times \mathbf{Pallens}$	5.00
D. Parishii	3.50
D. Paxtoni	2.50
D. Phalænopsis. Flowers $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across on slender pedicels; white, flushed with pale rosy mauve, petals purplish mauve; one of the finest for cutting. October-November. New Guinea\$2.50 to	5.00
D. Pierardi	2.50
D. primulinum. February-March	2.50
D. regium	7.50
D. \times Rolfæ (D. primulinum \times D. nobile),	5.00
Small plants.	
D. × rubens grandiflorum	5.00
D. × Schneiderianum (aureum × Findlay-anum)\$3.50 to	5.00



Dendrobium heterocarpum—See page 30



Dendrobium Phalænopsis	Each
D. $ imes$ Schneiderianum grandiflorum	\$5.00
D. Schuitzii (Novelty). From the Philippines. Flowers pure white, about the size of D. Formosum, with a spreading flat lip. Awarded a silver medal at the International Flower Show in 1915	10.00
D. \times [Sibyl (bigibbum \times Linawianum)	5.00
D. × splendidissimum. A handsome hybrid (<i>D. nobile</i> × <i>D. aureum</i>). Small plants. February-March. (<i>See illustration, page</i> 34.)Larger plants.	2.00 3.50
D. $ imes$ splendidissimum grandiflorum.\$3.50 to	5.00
D. × splendidissimum grandiflorum Thompson's var	7.50
D. suavissimum. Resembling D. chrysotoxum in habit; flowers fragrant, gracefully drooping, 3 inches across and of a rich golden-yellow color; lip fringed with a purple blotch striped with crimson. May-June. Burma\$2.50 to	5.00
D. superbiens	5.00
D. superbum. A fine species from the Philippines, with large, magenta-rose colored flowers. \$1.50 to	2.50
D. superbum, var. Dearei. A rare, pure white form of D. superbum\$15.00 to	25.00
D. \times Thelma (Wiganiæ album \times nobile virginalis)\$2.50 to	5.00
D. thyrsiflorum. Flowers waxy white with orange-yellow lip, in many-flowered drooping clusters. Fine for exhibition purposes. May-June. Moulmein. (See illustration, page 34.) \$1.50, \$2.50 and	5.00
D. transparens	2.50
D. \times Venus (D. Falconeri \times D. nobile) Larger plants	$\frac{2.50}{5.00}$



DELL	DICODICAL	Continuca	
D. Wardianum.	Flowers 3	to 4 inches	across, Each
in twos or three			
sometimes to th			
petals white, ti			

sometimes petals wh petals white, see the spots of crimson orange, with two eye-like spots of crimson magenta. A species of striking beauty. February-April. India. (See illustration, page 35.) \$1.50 \$2.50 to \$5.00

DENDRORIUM—Continued

 ${f D.}$ imes xanthocentrum (Linawianum imes War-5.00 $dianum)\dots\dots\dots\dots\dots$

DENDROCHILUM

(See Platyclinis)

ELLEANTHUS



Dendrobium Jamesianum-See page 30



Dendrobium Findlayanum-See page 30

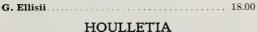
EPIDENDRUM	Each
E. Brassavolæ. Mexico (See illustration, page 33).	\$2.50
E. × Burtonii (Ibaguense × O'Brienianum)	2.50
E. ciliare. Flowers fragrant, several in a raceme, greenish-yellow, with fringed lip. Colombia and Central America\$1.00 to	2.00
E. cinnabarinum	2.50
E. Cooperianum. A large-growing species, 2 to 4 feet high; flowers in dense drooping raacemes. Rose-colored. Spring. Brazil	10.00
\$3.50, \$5.00 and	10.00
E. coriaceum. (Syn. variegatum.) Brazil. $\$1.50$ to	2.50
E. Decipiens	5.00
E. × Dellense (E. xanthinum × E. radicans). A beautiful hybrid, wit horange-vermilion flowers in terminal clusters. \$2.00, \$3.00 and	5.00
E. falcatum. Mexico. Spring	2.50
E. Godseffianam	2.50
E. Kewensis \$3.50 to	5.00
E. macrochilum. Flowers among the largest in the genus; chocolate-brown and pale yellow-green; lip white, streaked with pale purple. Colombia and Central America	2.50
E. nemorale	2.50
E. X O'Brienianum. Hybrid between E. erectum and radicans. Flowers brilliant carmine, faintly shaded orange; crest on lip bright	
yellow\$3.00 to	5.00
E. prismatocarpum. Central America. 2.50 to	5.00
E. pristes	2.50
E. Randii	2.50
E. rhizophorum. (radicans). Flowers dark orange-red, remaining in beauty for a considerable period, produced in long terminal racemes. Colombia and Central America. February-April	
February-April	2.50
E. roseum	2.50
E. Stamfordianum	2.50
E. Stamfordianum, var. Wallacei	10.00
E. stenopetalum	5.00
E. vitellinum majus. Flowers 1½ inches across, brilliant orange-scarlet, in 6 to 15-flowered racemes, lasting long in perfection.	0.50
October-December. Mexico\$1.50 to	2.50
E. Wallisii. A fine species with yellow flowers. Maroon-spotted. Lip feathered, white and purple. February-March	5.00

SUMMIT, NEW JERSEY



EPI-CATTLEYA

EFI-CATTLETTI		
EC. × Mrs. Smith (Epidendrum aurantiacum Each × C. gigas)\$5.00 to \$10.00		
EC. × Nebo (C. × Clæsiana × E. × O'Brienianum)\$5.00 to 10.00		
EC. × Orpetiana (Cattleya guttata var. Prinzii × Epidendrum O'Brienianum)\$5.00 to 10.00		
EPIPHRONITIS		
E. × Veitchii		
ERIA		
E. ferruginea		
ERIOPSIS		
E. rutidobulbon 5.00		
GOMEZA		
G. planifolia. Flowers yellowish, sweet- scented, in dense arching spikes. Brazil. \$1.50 to 2.50		
GONGORA		
G. maculata \$3.50 to 5.00		
GRAMMATOPHYLLUM		



H. odoratissima Antioquiensis. Colombia.. 2.50



Dendrobium formosum giganteum-See page 30



Epidendrum Brassavolæ—See page 32

LÆLIA

The Lælias are among our finest Orchids, and should occupy a prominent place in every collection

and should occupy a prominent place in every collection.	7
L. acuminata (rubescens). Flowers Each white, sometimes tinged with rose, on spikes 10 to 15 inches high; flowers during the Winter months and is very useful (for cutting. Costa Rica (See illustration page 35) \$2.50	
L. albida. Flowers white and pale pink, veined with yellow, on many-flowered tall spikes. November to June. Mexico)
L. anceps. Flowers 4 inches across on 2- to 6-flowered scapes, often 3 feet high; sepals and petals rosy blush; lip deep purple. November-January. Mexico\$2.50 to 5.00)
L. anceps alba. True. Flowers pure white, excepting a shade of yellow in the throat. We have probably the largest stock of these in the world; they rank with the finest and choicest Orchids known. (See illustration, page 49.)\\$7.50,\\$15.00 to 25.00)
L. anceps Blanda. Sepals and petals soft pale rose; lip deep amethyst purple\$3.50 to 5.00)
L. anceps Dawsoni. Flowers pure white, save for a deep crimson blotch on the interior lobe. This is acknowledged to be the best of the white forms with color on the lip \$3.50 to 5.00	
L. anceps grandiflora. This variety has very large, highly colored flowers of fine form and substance 7.50)

L. anceps Hilliana. Sepals and petals pure white with pale rose lip. (See illustration, page 49.)...\$5.00 to 10.00

\$5.00 to 7.50



Dendrobium splendidissimum—See page 31

LÆLIA-Continued

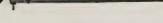
- L. anceps Hilliana, var. Rosefieldiensis.
 Similar in color to the preceding, but greatly
 superior in form in every part of the flower. Each
 \$10.00 to\$15.00
- **L. anceps Lageriana.** A new and beautiful variety; sepals and petals white, suffused with rose; lip dark lavender mottled and streaked with purple; lateral lobes lavender and veined with purple; throat yellow with purple veins. 15.00
- **L. anceps Percivaliana.** Sepals and petals palest rose pink; lip with bright mauve purple. \$5.00, \$7.50 to 10.00
- L. anceps, var. Sanderiana. Sepals and petals pure white, with a rose-purple blotch on the front lobe of the lip. December-February. Mexico (See illustration, page 49)....\$3.00 to 5.0
- L. anceps, var. Stella. Sepals and petals pure white; front lobe of lip white, with rose markings; throat yellow with purple lines. December-February. Mexico (See illustration, page 49).......\$3.00 to 5.00
- **L. anceps Williamsii.....** 5.00 to 10.00

white, with yellow center, on graceful spikes	Each
2 or 3 feet long; very fine. November-January. Mexico (See illustration, page 36)	\$2.50
L. autumnalis alba. Pure white, except for a	05.00
slight tinge of yellow in the throat\$15.00 to	
L. autumnalis atro-rubens	3.50
L. cinnabarina. Flowers orange-scarlet, with	
a crispy lip; very valuable for hybridizing. January-March. Brazil\$2.50 to	3.50
L. crispa. Flowers much crisped and undulated, 4 to 5 inches across; white sepals and petals, sometimes tinted with pale purple toward the base; lip veined and reticulated deep purple. Summer months. Brazil. (See illustration,	
page 36)	5.00
L. Dayana. Flowers 3 to 4 inches across, rose-	
purple. Brazil	2.50
L. Dayana × L. anceps Stella	5.00
L. elegans. A magnificent Orchid nearly extinct in its native habitat; very variable in the shades of the flowers from white to pink and rosy purple. This Orchid is one of the easiest of all to grow, and propagates readily. It generally flowers twice during the year; its magnificent trusses of flowers appearing as soon as the bulb is made up. We have the largest stock of this choice Orchid in this country; most of our plants are of the dark, so-called Turneri type. Spring and Fall. Brazil	
\$5.00, \$7.50 and	10.00



Dendrobium thyrsiflorum-See page 31

SUMMIT, NEW JERSE



LÆLIA—Continued	
L. flava. Flowers of a clear yellow, 8 to 10 in number, on erect scapes and last a long time in perfection. February-March. Brazil. (See illustration, page 37)\$2.50 to	Each \$5.00
L. Gouldiana. Very rare and handsome; a supposed natural hybrid between L. autumnalis, which it resembles in habit, and L. anceps; flowers rose purple; lip with yellow keels. Winter. Mexico	10.00
L. grandis tenebrosa. Flowers 4 to 5 inches across, nankeen-yellow, with white lip veined with rose-purple. May-June. Brazil. \$3.50 to	5.00
L. Jongheana. February-March. Brazil	2.50
L. \times Latona (cinnabarina \times purpurata). \$7.50 to	10.00
L. majalis. Flowers large, of delicate lilac, rose lip with white and magenta-purple stripes. Flowers in Summer and lasts in perfection several weeks. Mexico	2.50
L. majalis alba. A white form of the preceding, of rare beauty\$10.00 to	15.00
L. \times Olivia (crispa \times xanthina) 10.00 to	15.00
L. Patinii	2.50
L. Perrinii. Sepals and petals rosy purple, tipped with purplish magenta; lip deep crimson. September-October. Brazil\$3.00 to	5.00

L. præstans. September-October. Brazil.... 2.50



Lælia acuminata (rubescens)—See page 33



Dendrobium Wardianum-See page 32

L. purpurata. Flowers very large, sepals and petals white; lip very large, rich deep purplish crimson; one of the grandest Orchids in culti-
vation and a noble one for exhibition purposes.
May-June. Brazil. (See illustration, page Each 37.)
L. purpurata \times G. S. Ball\$7.50 to 10.00
L. pumila × L. purpurata
L. superbiens. A very large-growing species; flowers of deep rose, large, 15 to 20 borne on spikes 3 to 7 feet high. Central America. January-February. (See illustration, page 38)
\$3.50, \$5.00 to 10.00
L. tenebrosa \times L. C. Canhamiana 15.00
LÆLIO-CATTLEYA

This is a wonderful class of plants, consisting of bigeneric hybrids between Cattleyas and Lælias. The number of varieties is almost endless; most are beatuiful and interesting. We catalogue below a few of the best Lælio-Cattleyas, strong-flowering sizes. L.-C. Aphrodite. (C. Mendelii × purpurata). \$15.00 to \$20.00

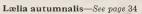
L.-C. × Bletchleyensis (L. tenebrosa × C. gigas Sanderiana). On opening, the flowers are of a fine shade of bronze, suffused with

rose, but with maturity the latter color deepens and the bronze is but faintly apparent.
\$10.00, \$15.00 to 25.00

L.-C. \times **C. G. Roebling** (*C. Gaskelliana* \times *L. purpurata aurora*). This is a strong grower; handsome flowers intermediate between both parents. We can offer strong plants. \$10.00 to 15.00

LC. X Calistoglossa (L purpurata. × C. gigas). Flowers large, pale rose with deeper suffusion, with deep rose-purple lip with veins. \$10.00 to\$15.00 LC. Charlesworthii (Dowiana × cinnabarina). 10.00 to 15.00 LC. X Cowanii (L. C. cinnabrosa × Mossic). 15.00 to 25.00 LC. X Dominiana (C. Dowiana × L. purpurata). 15.00 to 25.00 LC. X Eudora (L. purpurata × C. Mendelti). 15.00 to 20.00 LC. X Eudora (L. purpurata × C. Mendelti). 15.00 to 20.00 LC. X Eva (Syn. Orpetiana). 5.00 to 7.50 LC. X eximia gigantea magnifica (L. purpurata × C. Warneri). 815.00 to 20.00 LC. X Exoniensis (C. Mossic × L. crispa). 10.00 LC. X Fascinator (C. Schrwderw × L. purpurata). \$10.00 to 15.00 LC. X Frederick Boyle var. Kerschoviæ (L. anceps alba × C, Trianae alba,) This is a truly magnificent hybrid with fine, large white flowers. \$10.00 to 20.00 LC. X Geenwoodii (C. Hardyana × elegans). 10.00 to 15.00 LC. X Greenwoodii (C. Hardyana × elegans). 10.00 to 15.00 LC. X Haroldiana (C. Hardyana × L. tenebrosa). \$5.00 to 25.00 LC. X Haroldiana (C. Hardyana × L. tenebrosa). \$15.00 to 25.00 LC. X Haroldiana (C. Hardyana × L. tenebrosa). \$15.00 to 25.00 LC. X Martineti (C. Mossiæ Reineckiana × L. tenebrosa). \$15.00 to 25.00 LC. X Mysa (Trianæ × Flava). 10.00 to 15.00 LC. X Mysa (Trianæ × Flava). 10.00 to 15.00 LC. X Ophir (C. Dowiana × L. xanthina). \$15.00 to 25.00 LC. X Ophir (C. Dowiana × L. xanthina). \$25.00 to 10.00 LC. X Queen of Sheba. 20.00 to 15.00 LC. X Queen of Sheba. 10.00 to 15.00 LC. X Queen of Sheba. 10.00 to 15.00	LÆLIO—CATTLE YA—Continued	
large, pale rose with deeper suffusion, with deep rose-purple lip with veins	Each	
LC. × Cowanii (L. C. cinnabrosa × Mossiæ)	large, pale rose with deeper suffusion, with deep rose-purple	
LC. × Dominiana (C. Dowiana × L. purpurata) 15.00 to 25.00 LC. × Eudora (L. purpurata × C. Mendelii) 15.00 to 20.00 LC. × Eva (Syn. Orpetiana) 5.00 to 7.50 LC. × Eva (Syn. Orpetiana) 5.00 to 7.50 LC. × Exoniensis (C. Mossiæ × L. crispa) 10.00 LC. × Fascinator (C. Schræderæ × L. purpurata) \$10.00 to 15.00 LC. × Frederick Boyle var. Kerschoviæ (L. anceps alba × C, Trianae alba). This is a truly magnificent hybrid with fine, large white flowers \$10.00 to 20.00 LC. × Greenwoodii (C. Hardyana × elegans) 10.00 to 15.00 LC. × Greenwoodii (C. Hardyana × elegans) 10.00 to 15.00 LC. × Haroldiana (C. Hardyana × L. tenebrosa) \$10.00 to 25.00 LC. × Haroldiana (C. Hardyana × L. tenebrosa) \$15.00 to 25.00 LC. × Haroldiana (C. labiata × L. tenebrosa) \$15.00 to 25.00 LC. × Martineti (C. Mossiæ Reineckiana × L. tenebrosa) \$7.50 to 10.00 LC. × Nysa (C. gigas × L. crispa) \$7.50 to 10.00 LC. × Oppti (C. Dowiana × L. zanthina) \$15.00 to 20.00 LC. × Oppti (C. Dowiana × L. zanthina) \$15.00 to 20.00 LC. × Opptiana (Gaskelliana × tenebrosa) \$7.50 to 10.00 LC. × Opptiana (Gaskelliana × tenebrosa) \$10.00 to 15.00 LC. × Opptiana (Gaskelliana × tenebrosa) \$15.00 to 20.00 LC. × Opptiana (Gaskelliana × tenebrosa) \$15.00 to 20.00 LC. × Opptiana (Gaskelliana × tenebrosa) \$15.00 to 20.00 LC. × Opptiana (Gaskelliana × tenebrosa) \$15.00 to 20.00 LC. × Opptiana (Gaskelliana × tenebrosa) \$15.00 to 20.00	LC. Charlesworthii (Dowiana × cinnabarina) 10.00 to 15.00	200
LC. × Eudora (L. purpurata × C. Mendelii). 15.00 to 20.00 LC. Eudora × Cattleya gigas. 15.00 to 20.00 LC. × Eva (Syn. Orpetiana). 5.00 to 7.50 LC. × Eva (Syn. Orpetiana). 15.00 to 20.00 LC. × Exoniensis (C. Mossiæ × L. crispa). 10.00 LC. × Exoniensis (C. Mossiæ × L. crispa). 10.00 LC. × Frederick Boyle var. Kerschoviæ (L. anceps alba × C, Trianae alba,) This is a truly magnificent hybrid with fine, large white flowers. \$10.00 to 15.00 LC. × Greenwoodii (C. Hardyana × elegans). 10.00 to 15.00 LC. × G. S. Ball (Cattleya Schræderæ × Lælia cinnabarina). Flowers on a long scape, about six times as large as L. cinnabarina and of as good a color, the paleness of the C. Schræderæ leaving the bright cinnabar-red unadulterated. \$5.00 to 15.00 LC. × Haroldiana (C. Hardyana × L. tenebrosa). 15.00 to 25.00 LC. × Hyeana (L. purpurata × C. Lawrenceanum Hyeana). \$15.00 to 25.00 LC. × Lucasiana (C. labiata × L. tenebrosa). 20.00 to 25.00 LC. × Martineti (C. Mossiæ Reineckiana × L. tenebrosa). \$7.50 to 10.00 LC. × Myra (Trianæ × Flava). 10.00 to 15.00 LC. × Nysa (C. gigas × L. crispa). 515.00 to 20.00 LC. × Ophir (C. Dowiana × L. zanthina). \$15.00 to 20.00 LC. × Oppetiana (Gaskelliana × L tenebrosa). \$15.00 to 20.00 LC. × Oppetiana (Gaskelliana × L tenebrosa). \$15.00 to 20.00 LC. × Oppetiana (Gaskelliana × L tenebrosa). \$15.00 to 20.00	LC. × Cowanii (L. C. cinnabrosa × Mossiæ) 15.00 to 20.00	
LC. Eudora × Cattleya gigas	LC. × Dominiana (C. Dowiana × L. purpurata) 15.00 to 25.00	
LC. × Eva (Syn. Orpetiana)	LC. × Eudora (L. purpurata × C. Mendelii) 15.00 to 20.00	
LC. × eximia gigantea magnifica (L. purpurata × C. Warneri)	LC. Eudora × Cattleya gigas	
Warneri). \$15.00 to 20.00 LC. × Exoniensis (C. Mossiæ × L. crispa). 10.00 LC. × Fascinator (C. Schræderæ × L. purpurata). \$10.00 to 15.00 LC. × Frederick Boyle var. Kerschoviæ (L. anceps alba × C, Trianae alba.) This is a truly magnificent hybrid with fine, large white flowers. \$10.00 to 20.00 LC. × Greenwoodii (C. Hardyana × elegans). 10.00 to 15.00 LC. × G. S. Ball (Cattleya Schræderæ × Lætia cinnabarina). Flowers on a long scape, about six times as large as L. cinnabarina and of as good a color, the paleness of the C. Schræderæ leaving the bright cinnabar-red unadulterated. \$5.00 to 10.00 LC. × Haroldiana (C. Hardyana × L. tenebrosa). 15.00 to 25.00 LC. × Hyeana (L. purpurata × C. Lawrenceanum Hyeana). \$15.00 to 25.00 LC. × Lucasiana (C. labiata × L. tenebrosa). 20.00 to 25.00 LC. × Martineti (C. Mossiæ Reineckiana × L. tenebrosa). 87.50 to 10.00 LC. × Myra (Trianæ × Flava). 10.00 to 15.00 LC. × Nysa (C. gigas × L. crispa). 515.00 to 20.00 LC. × Ophir (C. Dowiana × L. xanthina). \$15.00 to 20.00 LC. × Ophir (C. Dowiana × L. xanthina). \$15.00 to 20.00 LC. × Orpetiana (Gaskelliana × tenebrosa). \$15.00 to 20.00 LC. × Orpetiana (Gaskelliana × tenebrosa). \$15.00 to 20.00 LC. × Orpetiana (Gaskelliana × tenebrosa). \$15.00 to 20.00	LC. × Eva (Syn. Orpetiana) 5.00 to 7.50	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LC. × Fascinator (C. Schræderæ × L. purpurata)\$10.00 to 15.00 LC. × Frederick Boyle var. Kerschoviæ (L. anceps alba × C, Trianae alba,) This is a truly magnificent hybrid with fine, large white flowers\$10.00 to 20.00 LC. × Greenwoodii (C. Hardyana × elegans)	Warneri)	
LC. × Frederick Boyle var. Kerschoviæ (L. anceps alba × C, Trianae alba,) This is a truly magnificent hybrid with fine, large white flowers	LC. \times Exoniensis (C. Mossiæ \times L. crispa)	
Trianae alba.) This is a truly magnificent hybrid with fine, large white flowers	LC. \times Fascinator (C. Schræderæ \times L. purpurata)\$10.00 to 15.00	
LC. × G. S. Ball (Cattleya Schræderæ × Lælia cinnabarina). Flowers on a long scape, about six times as large as L. cinnabarina and of as good a color, the paleness of the C. Schræderæ leaving the bright cinnabar-red unadulterated	Trianae alba,) This is a truly magnificent hybrid with fine,	
Flowers on a long scape, about six times as large as L. cinnabarina and of as good a color, the paleness of the C. Schræderæ leaving the bright cinnabar-red unadulterated	LC. × Greenwoodii (C. Hardyana × elegans) 10.00 to 15.00	1337 34
LC. × Hyeana (L. purpurata × C. Lawrenceanum Hyeana). \$15.00 to 25.00 LC. × Lucasiana (L. tenebrosa × C. aurea)	Flowers on a long scape, about six times as large as L. cinnabarina and of as good a color, the paleness of the C. Schræderæ	
\$15.00 to 25.00 LC. × luminosa (L. tenebrosa × C. aurea)	LC. × Haroldiana (C. Hardyana × L. tenebrosa) 15.00 to 25.00	
LC. × Lucasiana (C. labiata × L. tenebrosa)		
LC. × Martineti (C. Mossiæ Reineckiana × L. tenebrosa) \$7.50 to 10.00 LC. × Mossiæ Russelliana × L tenebrosa. Each \$10.00 to \$20.00 LC. × Myra (Trianæ × Flava) 10.00 to 15.00 LC. × Nysa (C. gigas × L. crispa) \$10.00, \$15.00 to 20.00 LC. × Ophir (C. Dowiana × L. xanthina) \$15.00 to 20.00 LC. × Orpetiana (Gaskelliana × tenebrosa) \$7.50 to 10.00 LC. × Orpetiana (Gaskelliana × tenebrosa) \$7.50 to 10.00	LC. \times luminosa (L. tenebrosa \times C. aurea) 15.00 to 25.00	
LC. × Martineti (C. Mossiæ Reineckiana × L. tenebrosa) LC. × Mossiæ Russelliana × L tenebrosa. Each \$10.00 to \$20.00 LC. × Myra (Trianæ × Flava) 10.00 to 15.00 LC. × Nysa (C. gigas × L. crispa)		tella
\$10.00 to\$20.00 LC. × Myra (Trianæ × Flava) 10.00 to 15.00 LC × Nysa (C. gigas × L. crispa)	\$7.50 to 10.00	
LC × Nysa (C. gigas × L. crispa)	\$10.00 to\$20.00	glossa. Each 5.00 to \$20.00
\$15.00 to 20.00 LC. × Orpetiana (Gaskelliana × tenebrosa). \$7.50 to 10.00 \$15.00 to 20.00 LC.s in variety, records of which are lost; fine, strong plants in flowering sizes\$5.00 to 10.00	LC \times Nysa (C. gigas \times L. crispa)	20.00 to 25.00
\$7.50 to 10.00 strong plants in flowering sizes\$5.00 to 10.00	\$15.00 to 20.00	.5.00 to 20.00
LC. × Queen of Sheba	- To the Control (dashellana / tohor oda).	
	LC. × Queen of Sheba	







Lælia crispa—See page 34

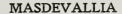
UMMIT, NEW JERS

LEPTOTES
L. bleolor. February-March. Brazil \$1.50
LOCKHARTIA
L. gigantea (Colombia)
LYCASTE
L. aromatica. Flowers golden-yellow, tip spotted with orange; fragrant. Mexico. \$1.50 to 2.50
L. costata. Colombia
L. cruenta
L. Deppei. Flowers large; sepals pale green, flushed and spotted with red; petals pure white; lip bright yellow and red spotted, side
lobes white, marked with red. Winter. Mexico 2.50
 L. fulvescens. Colombia\$2.50 to 5.00 L. hybrida (L. Skinneri × L. Deppei). A most beautiful hybrid. Flowers somewhat smaller than Lycaste Skinneri and much larger than L. Deppei; of cream color, with numerous minute dark spots; a gem in every respect. Plants with
one to two bulbs, according to size 15.00
L. Harrisoniæ. (Syn. Bifrenaria Harrisoniæ.) Flowers large and fleshy; creamy white with
purple lip, yellowish at the base. Brazil 2.50 L. lasioglossa. Flowers 4 to 5 inches across,
sepals reddish-brown, yellow at the tip, hairy at the base, petals bright yellow, lip yellow; three lobes, the side lobes stained with red on the inner side, the terminal lobe clothed with long, white hairs. An odd and beautiful species. Very scarce. March. Guatemala.

L. plana. Colombia.....



Lælia flava—See page 35
L. Skinneri alba \$15.00 to \$25.00
L. Skinneri grandiflora. Superb variety, with large, fine flowers
L. tryianthina
MACRADENIA
M. Brassavolæ. Colombia



M. bella. (See illustration, page 39.)	$2.50 \\ 2.50$
MAXILLARIA	
	Each
M. grandiflora	\$5.00
M. hyacinthina	2.50
M. incarnata. Colombia	2.50
M. iridifolia	2.50
M. luteo-alba. Yellow and white. (See illustration, page 40) Colombia	2.50
M. pieta. Brazil\$1.50 to	2.50
M. rubescens. Colombia	3.50
M. venusta. Flowers white.	
December-January	2.50
M. nigrescens	2.50
M. tenuifolia. Mexico	
\$1.50 to	2.50
M. variabilis 1.50 to	2.50
M. Sanderiana. The finest of all	10.00



\$10.00 to 15.00

5.00

2.50

Lælia purpurata—See page 35





MEGACLINIUM

									Each
M.	${\bf falcatum}$.\$10.00

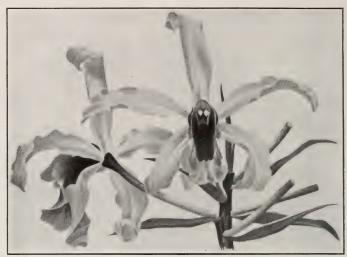
MILTONIA

$\mathbf{M.} imes \mathbf{Ajax}$ (Cochlioda Noetzliana $ imes M.$ Schræderiana)	15.00
M. X Bleuana grandiflora. Extremely rare and beautiful.	

(See illustration, page 50.)... \$25.00 to 50.00

 $\begin{tabular}{lll} \textbf{M.} \times \textbf{Bleuana} & \textbf{nobilior}..... \\ \$25.00 & to & 50.00 \end{tabular}$

M. × Bleuana rosea......



Lælia superbiens-See page 35

\$25.00 to 50.00	
	Each
M. Bluntii Lubbersiana (Nat. hyb. M. spectabilis \times M. Clowesii) $\$10.00$ to	15.00
M. candida. Sepals and petals yellowish, spotted with rich brown; lip white, tinged with rosy pink. September-October. Brazil.	2.50
M. Clowesii. Brazil	2.50
M. cuneata. Brazil	2.50
M. flavescens\$2.50 to	5.00
M. Phalænopsis. This is a veritable gem and of easy culture. Scapes 3- to 5-flowered. Sepals and petals white. The lip is white, blotched and streaked with purple. (See illustration, page 41.)	5.00
M. Regnelli	\$5.00



Lycaste lanipes-See page 37

1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	flat, 3½ to 4 inches across, white, with a purple blotch at the base of each petal and an orange-yellow disc at the base of the lip. This Orchid requires plenty of heat and moisture at all times and should never be allowed to become dry. Western Colombia. (See illustration,	
	page 41.)\$2.50 to	\$5.00
	Roezlii alba. Flowers pure white, except the yellow disc of the lip\$3.50 to	5.00
1	Schræderiana. A very rare Orchid; flowers fragrant, 7 to 9 on the spike; sepals and petals heart to 9 on the spike; sepals and petals how, lip rose-purple and white. Summer months. Costa Rica	50.00
1	spectabilis. Flowers nearly flat, 3 inches across, white or cream colored, sometimes tinged with rose toward the base; lip vinous purple with longitudinal veins of deeper shade and margin of white or pale rose. Brazil	2.50
M	spectabilis Moreliana. Flowers usually	
	larger than the type, of plum-purple, with bright rose-purple lip, deeply veined and reticulated. Brazil	2.50
1	vexillaria (Pansy Orchid). A species which ranks among the first of all Miltonias, yet is quite distinct among them all. The slender scapes bear from 5 to 7 large flowers of bright rosy pink. Colombia. (See illustration, page 41)\$1.50, \$2.50 to	5.00
M	× St. Andree	50.00

Each

MORMODES

M. Buccinator	2.50
M. B. eitrinum	2.50

NANODES

N. Medusæ	, \$5.UU to	10.00
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NEO-BENTHAMIA

TAT	.B	gracilis	\$3.50 to	5.00





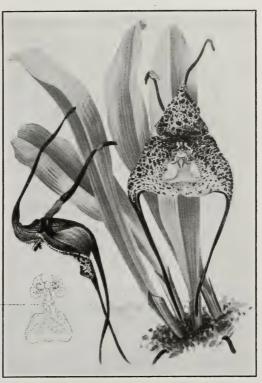
The plants included in this section of cool-house Orchids form a group of unusual beauty and utility. The plants included in this section of cool-house Orchids form a group of unusual beauty and utility. The genus, closely related to Oncidium and Miltonia, embraces about 100 species originating in the higher regions of the Andes, from Mexico and Guatamela to Colombia and Bolivia. Odontoglossum crispum, probably the most extensively grown Orchid, is particularly admired for its extremely handsome flowers and easy culture. A remarkable number of natural hybrids occur in the family, and intercrossing no doubt accounts in large measure for the size and horticultural value of the genus. With few exceptions, the Odontoglossum is found in extremely moist situations, where the annual rainfall is excessive and the temperature more or less even and cool throughout the year.

A number of beautiful and rare hybrids adapted to our climate will be found listed below, alphabetically with the species.

cally, with the species.
Each
O. × amabile (crispum × crispo-Harryanum).\$10.00
O. × Ardentissima (crispum × Pescatorei) 10.00
O. Bictonense. Flowers yellowish-green, blotched with chestnut-brown, with pale rose lip. Spring. Guatemala and Mexico\$1.50 to 2.50
O. citrosmum. This plant produces its long, pendulous spikes of fragrant lemon-colored flowers, sometimes flushed and dotted with pink; fine for exhibitions; remaining perfect for weeks. June-July. Mexico. (See illus-
tration, page 43)\$1.50, \$2.50 to 5.00
O. citrosmum album 5.00
0. × Claytii
O. crispum (O. Alexandræ). One of the most charming, beautiful and useful of all Orchids; flowers large, variable in colors, white frequently tinged with rose, and again blotched with red; borne on long, many-flowered, gracefully arching spikes. March-May. Colombia. \$2.50 to 5.00
O. × Dora (O. Lambeaniana × Pescatorei Duchess of Westminster)
O. grande. This fine plant, known as the "Baby Orchid," flowers from September to December. The flowers are very large, cinnamon-brown and yellow. It is best grown in pots in fibrous peat and sphagnum in an average temperature of 55 degrees. Guatemala. \$2.50 to 5.00



Odontoglossum grande



Masdevallia bella—See page 37

	Each	
O. Harryanum	\$2.50	
0. \times Hibernicum ($Hallii \times hastilobium$)	10.00	
	10.00	
O. Insleayi. Plant and inflorescens as in O.		
grande. Flowers 2½ to 3 inches across, pale		
greenish-yellow, barred with reddish-brown;		
lip bright yellow with margin of red spots.	0 50	
Mexico\$1.50 to	2.50	
O. × Jasper (crispum Victoria Regina ×		i
amabile)	25.00	3
O. luteo-purpureum sceptrum	2.50	4
O. × Ossultoni (nobile × spectabile)	15.00	100
O. \times Othello (Harryanum \times Adrianæ)	15.00	
O. Pescatorei. Colombia. (See illustration,	20.00	J
page 42.)	5.00	
O. pulchellum (Lily of the Valley Orchid.)	0.00	
With fragrant flowers, 5 to 10 on a tall spike,		
pure white, with yellow disc; the sprays re-		
semble much the Lily of the Valley; very use-		
ful for cutting. Spring. Costa Rica. (See illus-		
tration, page 42.)\$1.50 to	2.50	
O. × Rolfeæ (Harryanum × nobile). A magni-	2.00	
ficent hybrid of easy culture\$10.00 to	15.00	
meent my orthogon carry currents	19.00	

LAGER &	HURRE
ODONTOGLOSSUM—Continued	
O. Rossii majus. Flowers white and brown, spotted with purple. January-March. Mexico\$1.50 to \$2.50 O. × Solon (Adrianæ × Ardentissima) 15.00	
O. × Thompsonianum (crispum × Edwardii). 10.00 O. Uro-Skinneri. A strong-growing species with spikes 2 to 3 feet in height, having numerous large flowers; sepals and petals olive-yellow, blotched with rich purple-brown; lip mauve-purple mottled with white. December-March. Guatemala \$3.50 to 5.00	
ODONTIODA	
O. × Bradshawiæ (Cochlioda Noetzliana × A. crispum)	
ODONTONIA	
O. \times Laireseæ (Milt. Warscewiczii \times O. crispum)\$10.00 to 15.00	
ONCIDIUM	
A large and popular genus of epiphytal Orchids, with some 300 species, distributed through Mexico, Central and Tropical America and the West Indies. They require plenty of moisture and a sweet atmosphere when growing, but when growth is completed,	
water should be applied carefully. May be grown in either pots, pans or baskets, preferably the latter, as many of these species are of rambling habit.	Maxillaria O. bicallosum
O. ampliatum majus. Flowers bright canary- Each yellow with 1 to 2 red-brown blotches; very fine. Colombia and Central America. \$2.50 to \$5.00	O. Carthaginense O. Cavendishianu habit. Flowers
O. anthocrene. Very rare and beautiful. \$15.00 to 25.00	dance and tall br with bright chest pure bright yello and Guatemala.
O. barbatum	and Guatemaia.
	O contract of the contract of



Lycaste Skinneri-See page 37

Maxillaria luteo-alba—See page 37
Each \$2.50

2000	0.00
anum. A showy species of bold ters bright yellow, in great abundanching scapes; sepals spotted hestnut, petals of same color, lip ellow. Winter months. Mexicola\$2.50 to	5.00
O. Cebolleta. Colombia O. concolor. A beautiful species with flowers measuring from 1½ to 2 inches across, on radical scapes in long pendulous racemes; pure yellow. March-June. Brazil	2.50
yellow. March-June. Brazil	2.50
O. crispum (Brown Butterfly Or- chid). Flowers much crisped and undulated, bright chest- nut brown, sometimes spot- ted and margined with yel- low. Brazil. October-Decem-	
ber\$2.50 to	3.50
O. curtum. A beautiful Or- chid with flowers of chestnut- brown barred with bright yel- low. Brazil\$2.50 to	3.50
O. flexuosum. Flowers gold- en-yellow on long graceful spikes. Brazil\$2.00 to	3.00
O. Forbesii. Flowers 2½ inches across, bright chestnut-brown with a narrow golden-yellow border. Brazil. October-December. (See illustration, page 43.)	2.50
o. fuscatum. A very beautiful species. Sepals and petals are brownish red, whitish at tips; lip rosy purple shading to white; disc red-brown; base white. February March. (See	
illustration, page 44)	2.50

Colombia......\$2.50 to 5.00

SUMMIT, NEW JERSEY

ONICIDIUMContinued	Each
	\$2.50
O. incurvum. Flowers white and purple, small but produced in great abundance on long racemes. September-October. Mexico.\$1.50 to	2.50
O. Kramerianum (Butterfly Orchid). One of the most remarkable and beautiful of all the Oncids; flowers reddish-brown, orange-red and bright canary-yellow, beautifully blended. Colombia	2.50
O. Lanceanum \$2.50 to	5.00
O. leucochilum. Flowers nearly 2 inches across. Yellowish green, barred and blotched with brown, lip spreading white\$2.50 to	5.00
O. luridum	5.00
O. longipes	2.50
O. Marshallianum. A grand Orchid; flowers variable in size and color, measuring from 2½ to 3 inches across; sepals and petals of bright yellow, spotted with red-brown, lip bright yellow. Brazil. \$3.00 to	5.00
O. microchilum 1.50 to	2.50
O. oblongatum. Flowers nearly as large as O. varicosum. Light yellow. Winter months Central America	5.00
O. ornithorynchum (Love Bird Orchid). One of the finest for decorative or exhibition purposes. A plant in a 5- or 6-inch basket will frequently produce 12 to 18 drooping spikes	0.00
with an abundance of rose-colored, fragrant flowers. October-February. Mexico. (See illustration, page 44)\$1.50, \$2.50 to	3.50
O. ornithorynchum album\$10.00 to	15.00
O. papilio (Butterfly Orchid). Flowers 4 inches across, yellow, blotched with red, opening like O. Kramerianum, one at a time on a slender stem. Venezuela. (See illustration, page	
45)	2.50
O. phymatochilum. Brazil	2.50



Miltonia Roezlii—See page 38





Miltonia vexillaria—See page 38



Each



Odontoglossum Pescatorei—See page 39

ONCI	DIL	M-4	Con	tinued

fragrant, bright yellow, heavily brown, except lip, which is w November-December. Mexico	holly yellow.
O. tigrinum unguiculatum	
O. varicosum Rogersii (Golden Bur One of the most beautiful and us with spikes often attaining 5 feet branches bearing an abundance low flowers; very fine for decora hibition purposes. October-Decen (See illustration, page 45.)	seful Orchids, in length and of golden-yel- tions and ex- mber. Brazil.

O. tigrinum. Flowers about 3 inches across,

O. Wentworthianum. Flowers yellow blotched with redbrown. Lip yellow, spotted with red-brown. Summer . . 2.50

ONCIDIODA

0. ×	Ch	arles	wort	hii	(C	och-	
liod	la N	oetzli	ana	\times	On.	in-	0 = 0/
cur	vum)						25.00

ORNITHIDIUM

0.	densa				۰				٠		2.50
0.	fragrans					٠		٠			2.50

PERISTERIA

P. cerina.	Scapes s	hort, p	en-	
dulous;	flowers in	dense	ra-	
cemes: li	ght citron	vellow		5.0

	EACH
P. elata (Holy Ghost Orchid. Espiritu Santo).	
The erect flower scapes are from 3 to 5 feet	
in height. The flowers are waxen white and	
globular in shape. The inner parts of each	
flower resemble a dove with outspread wings.	
Colombia and Central America. (See illustra-	
tion, page 2.)\$2.50 to	\$5.00

PESCATOREA

P. cerina. A bulbless plant, flowers some 3	
inches across; of a pale waxy straw color, lip	
yellow, sometimes with a band of deep purple.	
Costa Rica	3.50
P. Dayana. Colombia\$5.00 to	7.50
P. Klabochorum. Flowers large, white, with	
nurnlish crimson lin Sentember \$7.50 to	10.00

PHAIUS

P. grandifolius. A stately evergreen terrestrial	
species, with radical scapes 3 to 4 feet high,	
bearing long, erect racemes of showy flowers.	
Winter and Spring. China\$2.50 to	5.00
P. × Cooksonii	15.00
$P. \times Norman (P. grandifolius \times Humblotii).$	15.00

PHALAENOPSIS

These plants grow in the hottest regions of the globe and mostly very near the water, where the air is quite moist. They grow best in a temperature of about 70 degrees, in baskets filled with moss and charcoal. The flowers are extremely beautiful. Philippine Islands.

P. amabilis. Flowers pure white, 4 to 5 inches Each

across. One of the most beautiful of all Or-	
chids. December-March. Luzon. (See illus-	
tration, page 46.)\$3.50 to	\$5.00
P. X Cynthia. Supposed natural hybrid be-	
tween P. Schilleriana and P. amabilis. Flowers	
large, rose-colored	35.00
P. Esmeralda. Flowers variable, about an inch	
across, light or dark amethyst-purple, lip deep	
purple on many-flowered scapes; 15 to 30	
inches high. Fall. Cochin China	5.00
P. Luddemanniana. A beautiful sweet-scented	
Orchid with variable flowers; whitish, marked	
with transverse amethyst bars and marks.	
Philippines \$5.00 to	10.00



Odontoglossum pulchellum—See page 39

Each

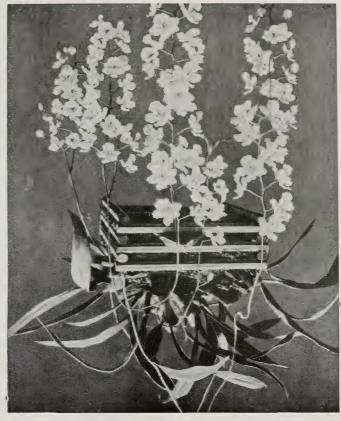
\$2.50 2.50



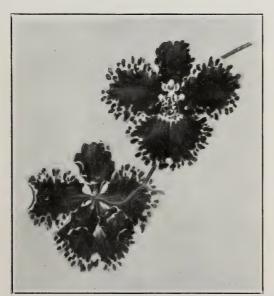
SUMMIT, NEW JERSEY

1	
PHALÆNOPSIS-Continued	1
P. Luddemanniana var. Ochracea	Each \$10.00
P. Sanderiana. Flowers, large, rose-pink, mottled with white, lip white, spotted with pale rose.	7.50
P. Schilleriana. Peduncles sometimes 3 to 4 feet long, branched, bearing flowers 3 to 3½ inches in diameter, but less when flowers are very numerous. Of delicate rosepurple suffused with white \$3.50 to	5.00
P. Stuartiana \$7.50 to	10.00
PHOLIDOTA	
P. imbricata	2.50
PLATYCLINIS	
P. autumnalis giganteum. A very large-growing species from the Philippines, with racemes somewhat more slender than P. glumacea, but attaining a length of 12 to 18 inches. Yellowish-white, sweet-scented. October-November\$3.50 to	5.00
P. Cobbiana 3.50 to	5,00
P. cucumerinum	5.00
P. filiformis	3.50
=	0.00
P. glumacea. February- March. (See illustration, page	
2.) \$2.50 to	3.50

P. latifolia 3.50



Odontoglossum citrosmum—See page 39



Oncidium Forbesil—See page 40

RENANTHERA

RENANTHERA	
	Each
R. coccinea. Burma\$5.00 to \$	10.00
R. Imschootiana. A handsome Orchid with bright, vermilion-colored flowers on large scapes. Early Spring. Burma	10.00
R. Storiei. Philippines	15.00
SACCOL A DILIBR	
SACCOLABIUM	
S. bellinum	10.00
S. Blumei. (Syn. Rhyncostylis retusa). 5.00 to	7.50
Siam	
S. giganteum. Flowers fragrant, on racemes 10 to 18 inches long, sepals and petals white, sparsely spotted with amethyst-purple. Burma\$5.00 to	10.00
S. illustre	
S. violaceum. Flowers fragrant, on many-flowered pendulous scapes; white, spotted with amethyst-purple. December-January. Philip-	
pines\$5.00 to	7.50
SARCOCHILUS	**:
S. calceolus. April-May. Philippines	5.00



Oncidium	fuecatum-	_500	maae	41
Oncluium	Iuscatum-	-2566	page	41

	Each
SPATHOGLOTTIS	
S. plicata. A pretty Philippine species. Flowers on erect scapes with numerous purple flowers. An easily grown terrestrial Orchid	\$2.50
S. rubro-Veillardii	5.00
	0.00
STANHOPEA	
S. Amesiana (Lowii). A rare and showy species with large white flowers. August-September. Colombia\$5.00 to	10.00
S. Bucephalus. Flowers very fragrant, pale rich yellow with purple dots and small blotches. June-August. Ecuador	2.50
S. eburnea. Ivory-white, or light straw color with white lip.	
Very beautiful and seldom seen in cultivation. South Brazil. September	5.00
S. grandiflora	5.00
S. insignis. Flowers dull yellow, richly spotted and stained with purple; large, showy and fragrant. August-September. Brazil (See illustration, page 47)	2.50
S. Reichenbachiana. Rare and beautiful	10.00
S. tigrina. One of the handsomest of all	2.50
S. Wardii	2.50
TAINEA	
T. viride fusca. (New.)	5.00
THUNIA	
T. alba	2.50
T. Marshalliana. Flowers pure white, except the front lobe, which is veined with rich orange and orange-yellow	2.50

SCHOMBURGKIA	Each
S. crispa. Venezuela and Guiana	
\$2.50 to	\$5.00 5.00
S undulata Flowers about 9 inches	0.00
across, purplish arown, lip with pale rose, purple and white. December	
January. venezuela\$2.50 to	
S. species. From upper Orinoco	5.00
SCUTICARIA	
S. Hadwenii	2.50
SOBRALIA	
S. \times Amesiana	5.00
S. macrantha. Stems 3 to 8 feet high, flowers large, fragrant, rich crimson-purple, lip very broad, throat whitish,	
purple, lip very broad, throat whitish, shaded with yellow. Spring. Mexico	2.50
S. macrantha alba. (Syn. var. Kienas-	2.50
tiana.) Pure white, of unusual beauty.	15.00
May\$5.00, \$10.00 to S. xantholeuca. Flowers large, with	15.00
creamy vellow sepals and petals; lip of	
darker yellow; throat shaded with brown\$5.00 to	10.00
SOPHRONITIS	
S. cernua	2.50
S. grandiflora. A very pretty little	2.50
Orchid, with exceedingly brilliant flowers	
of deep crimson-scarlet; very showy and effective, and most useful to the	
hybridists. November-January. Brazil.	0.50
(See illustration, page 47.)	2.50



Oncidium ornithorynchum—See page 41

SUMMIT NEW JERSEY

	Each
T. Hennesii \$2.50 to	
T. tortilis	2.50
TRIGONIDIUM	
T. Egertonianum	5.00
UTRICULARIA	
U. montana	2.50
VANDA	
V. Amesiana. A dwarf species with numerous very thick roots. Flowers fragrant, 1½ inches across; sepals and petals white, with a delicate flush of light rose-purple. Lip white, slightly tinted with rose. Requires somewhat of a cool treatment. Malayan Arch	5.00
	0.00
V. Batemanni	
V. Boxallii. (Syn. lamellata) 7.50 to	10.00
V. cœrulea (The Blue Orchid). Flowers 4 inches across, pale blue, marked with azure-blue, on light blue pedicels in a 10- to 18-flowered raceme; an unusual color and one of the finest Autumn-flowering Orchids. October-December. India. (See illustration, page 46.)\$2.50 to	3.50
Large plants\$5.00, \$7.50 and	10.00
V. Denisoniana. Burma\$5.00 to	10.00
V. gigantea. (Syn. Stauropsis giganteus.)	
\$10.00 to	15.00
V. Hookeriana	5.00
V. Kimballiana. Flowers 1½ to 2 inches in diameter, white, sometimes faintly flushed with pale purple and with light purple nerves; lip yellowish, spotted with red-brown. A very beautiful Orchid. Shan States\$2.00, \$3.00 to	5.00



Oncidium papilio—See page 41



Oncidium tigrinum—See page 42

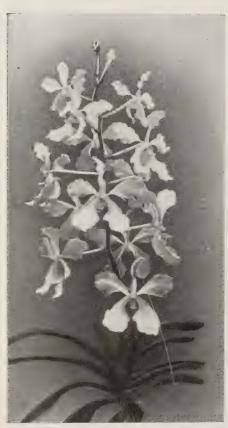


Oncidium varicosum Rogersii—See page 42





Phalænopsis amabilis—See page 42



Vanda cœrulea—See page 45

V. teres. A very handsome and distinct species, of a climbing habit of growth, several feet in length. The flowers are very large, white, slightly tinged with rose, creamy white and rosy magenta. This plant should be placed as near the glass as possible, and given an abundance of water and air while growing—	
when at rest, less will suffice. June-August. Burma. (See 3rd cover.)	Each \$5.00
V. teres alba	25.00
V. teres Andersoni \$3.50 to	5.00
V. teres aurorea	5.00
V. teres candida 3.50 to	5.00
V. tricolor. Flowers fragrant, fleshy, 2½ to 3 inches across, white, stained with pale purple at the base and more or less densely spotted with bright redbrown on a light yellow ground. Java	5.00
V. tricolor planilabris	15.00
V tricolor var. suavis\$2.50, \$5.00 to	7.50
VANILLA	
V. planifolia	2.50
WARSCEWICZELLA	
W. aromatica. A rare and little-known plant. Flowers from erect scapes, bearing a solitary flower 3 to 4 inches across, sepals and petals white; lip is azure, purplish at the base, with white border. Costa Rica.	2.50
W. discolor. A pretty tufted Orchid, with flowers somewhat variable, about 2 inches across, ivory white or straw yellow, tinted with purple, with violet-purple lip. Summer months. Costa Rica	2.50
ZYGOPETALUM	
	5.00
Z. Burkei. January-February. Guiana	5.00
Z. Mackayi. Flowers large, greenish-yellow, blotched with brown, white and blue; sweet-scented; best grown in a pot; very useful for cutting. Winter months. Brazil	2.50

SUMMIT, NEW JERS

ZYGOPETALUM—Continued

Each

Z. var. **crinitum**..... \$2.50 Z. maxillare var. Gautieri. A very beautiful variety; flowers 2 to 3 inches across, with bronzybrown and violetpurple: labellum violet-blue, sometimes spotted and striated with deeper blue... 5.00

Z. xanthinum. (Syn. Promenæa xanthinum.)....

Native Hardy Orchids

These are all beautiful and interesting, perfectly hardy, and may be used for planting profusely in the grounds in moist, shady places.



Sophronitis grandiflora—See page 44

APLECTRUM

Each Doz. A. hyemale (Putty Root). Fine for moist \$0.25 \$2.50

CALOPOGON

Each Doz. Desirable for the pulchellus. bog......\$0.15 \$1.50



Stanhopea insignis-See page 44

CALYPSO

C. borealis. Showy pink flowers; damp shades. Each 25c., per doz. \$2.50.

CYPRIPEDIUM

C. acaule (Lady's Slipper, Moccasin Flower). Often called the Red Lady's Slipper. Plant in well-drained soil with leafmold. Each 30c., per doz. \$3.00, per 100 \$20.00.

Extra strong. Each 60c., per doz. \$6.00, per 100 \$40.00.

C. parviflorum (Small Yellow Lady's Slipper). Does exceedingly well in a rich, shaded spot where leafmold has been added. It will also thrive in the bog garden. Each 35c., per doz. \$3.50, per 100 \$25.00

XX strong. Each 50c., per doz. \$5.00.



NATIVE HARDY ORCHIDS-Continued



Vanda Sanderiana from Island of Mindanao, Philippines $See\ page\ 46$



Cypripedium insigne Harefield Hall-See page 23

CYPRIPEDIUM—Continued

C. pubescens (Large Yellow Lady's Each Slipper). Very much like Parvi- florum, only the flowers are larger. Plant in moist, well-drained posi-		
sition		25.00
GOODYERA		
G. pubescens (Rattlesnake Plantain). Plant in a shady place with leafmold. It does well under evergreens where drainage is good, also in rock garden	1 50	10.00
G. Menziesii. Flowers white,		
leaves spotted	5.50	25.00

HABENARIA

sheltered leafmold bed is the

G. repens, var. Smaller than Repens. Flowers white. This is a bog-loving plant and does quite well planted in clean sphagnum, away from the water, but where it



Cattleya × Portia—See page 12

UMMIT, NEW JER

NATIVE HARDY ORCHIDS-Continued

HABENARIA-Continued

H. ciliaris (Yel- Each Doz. low Fringed Orchis). Flowers are yellow and very fine. Thrives nicely in moist garden soil or bog......\$0.25 \$2.50

H. psycodes (Purple Fringed Or-

chis). Grows in wet or quite moist soil of muck or leaf-

LIPARIS

L. liliifolia

(Twayblade). Purplish flowers. Plant in a well-drained soil; a shady bank is prefer-



Cattleya Mossiæ-See page 11

ORCHIS

O. spectabilis (Showy Orchis). Pink, Each Doz. purple and white flowers. At home in rich, moist woods, it likes a bed of leafmold\$0.25 \$2.50

POGONIA



Cypripedium Fairieanum-See page 22



Vase of Lælia anceps and its varieties, such as Alba, Stella, Sanderiana, Rosea, Hilliana and Veitchiana—See pages 33 and 34



NATIVE HARDY ORCHIDS-Continued

SPIRANTHES

Each Doz.

S. cernua (Ladies' Tresses). A dense spike of white flowers. Is usually found in rather moist, open pastures or grassy places and is benefited by a little mulching when planted in the border...\$0.20 \$2.00

Corrugated Jute Boxes for Packing and Shipping Flowers

Length	Width	Depth	Per doz.
\mathbf{I} nches	$_{ m Inches}$	${f Inches}$	doz.
15	8	5	\$2.00
18	10	5	2.15
24	12	5	2.80
28	12	5	3.35
32	12	5	3.60

Canadian Unleached Hardwood Ashes

For garden, lawn and farm. 100-lb. bag, \$1.75. By the ton or carload. Write for special prices.

Shredded Leafmold



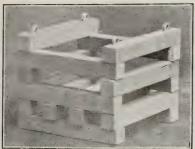
Dendrobium nobile—See page 30



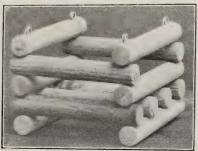
Miltonia Bleuana grandiflora—See page 38

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Square Basket



Square Basket, Round Wood



Round Basket, Round Wood

Materials for Orchid Culture

We Have Always on Hand a Complete Line of the Above of First-Class Quality at the following prices

Square Baskets of the Best Seasoned Wood-Our Own Make

Size	Per doz.						
4 inch.	\$2.25	6 inch.	\$2.85	8 inch.	\$3.50	10 inch	\$4.10
					3.75		

Square Baskets, Round Wood-Our Own Make

	Per doz.		er doz.		Per doz.		
4 inch	\$2.25	6 inch	\$2.85	8 inch	\$3.50	10 inch.	\$4.10
5 inch	2.60	7 inch	3.25	9 inch.	3.75	12 inch.	5.50

Round Baskets, Round Wood-Our Own Make

Size	Per doz.						
	\$2.25						
5 inch.	2.60	7 inch.	3.25	9 inch.	3.75	12 inch	5.50

Pans for Orchids

No holes in sides, but with three holes in rim for suspension.

Specially Made Orchid Pans With holes in sides.

			TT TOIL I	TOTON II.	· NACCOS			
Width	Doz.	100	Width	Doz.	100	Width	Doz.	100
3 inch.	.\$0.75	\$5.00	6 inch.	.\$1.50	\$10.00	8 inch.	\$2.25	\$16.00
4 inch.	85	6.00	7 inch.	. 1.75	12.00	10 inch.	4.00	30.00
5 inch	1 95	8.00				12 inch	7.00	50.00

Orchid Peat, Leafsoil and Sphagnum Moss, Etc.

..\$2.75 Selected Orchid Peat. Selected Orchid Peat, 4.25 Peat Soil, for general use. . \$2.00

Per bbl. Charcoal, per bag ...\$2.75 Leafmold for Orchids, specially prepared\$4.00 Sphagnum Moss...... 2.75 Sphagnum Moss, picked. 4.50

Celluloid Labels

These are practically indestructible, and there is nothing like them for labeling plants.

Hanging labels with metal eyelets, $2\frac{1}{4} \times \frac{11}{16}$ in., \$1.00 per 100. Sticking labels, $4 \times \frac{3}{4}$ in., \$2.00 per 100.

Insecticides

Nicoticide. The most effective Insecticide we know for thrips, green fly, cattleya fly, red spider, etc. Per pint \$2.50, gallon \$15.00.

Fumigators for above, 75 cts. each.

Aphine. A very effective insecticide for scale and other pests affecting Orchids or other plants. Gallon \$2.50, quart \$1.00, pint 65 cts., half pint 40 cts.

Auto-Spray No. 1

Diameter 7 inches: height 2 feet; capacity about 4 gals.; weight, empty, 9 lbs.; weight, loaded, 39 lbs.; weight, shipping, 15 lbs. For spraying trees, shrubs, vines, field crops, greenhouses and poultry houses; for applying Paris green, arsenate of lead, bordeaux, lime and sulphur emulsions, disinfectants, cattle-fly oil, whitewash, cold water paints, etc.

Auto-Spray No. 1B, Brass Tank, with Auto-Pop No. 1\$7.	
Brass 2-ft. Extension, per length	45
Brass Elbow Extension, each	27
Strainer for Auto-Spray, Solid Brass	35
Two-Row Attachment	90



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ORCHIDS, FERTILIZATION OF

By Charles Darwin. Illustrated. Price \$1.25

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The author of this book is Orchid Grower to Sir Trevor Lawrence, Bart., president of the Royal Horticultural Society of England, whose extensive collection of these plants is known to every Orchid enthusiast. The author is therefore fully equipped to deal with the subject under consideration and he has produced a handy little work of the most practical nature. The chapters on handling newly imported plants and the pottings of Orchids in leaf soil instead of the old-time peat, are particularly instructive, as also are the directions given for watering ventilating, building of houses in which to grow Orchids, etc. Almost one hundred pages are devoted to the Orchid genera, which are fully described, the subject-matter being interspersed with illustrations.

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Descriptions of all the kinds in general cultivation. Illustrated by colored plates and numerous engravings. A well-printed book of 554 pages. A new edition of this book has just been issued, in which some additions have been made to the plants enumerated in the first edition, and corrections made with the aid of recently published botanical works. The book is also enhanced by the addition of 8 colored plates.

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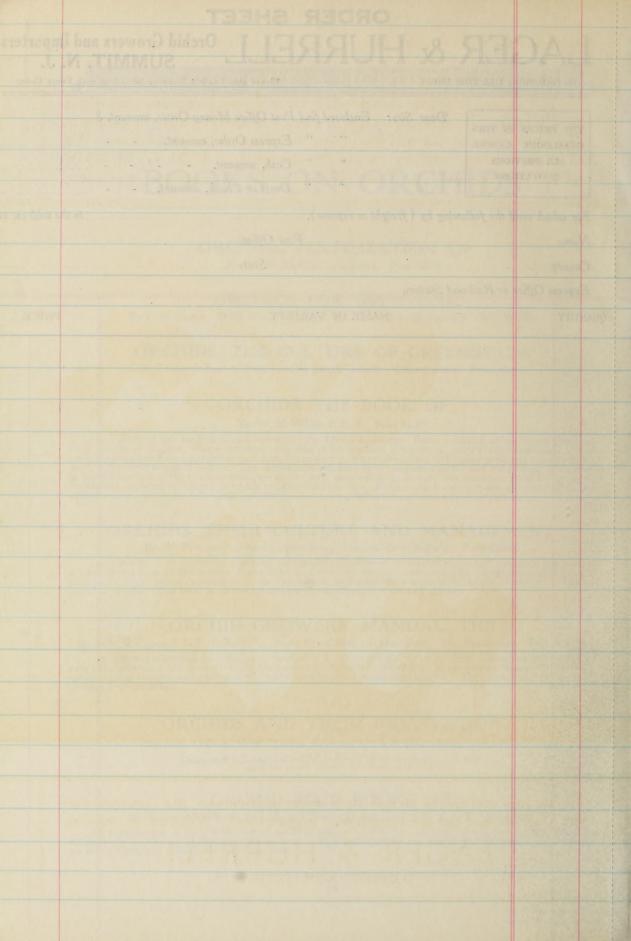
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VANDA TERES

For description of Vanda Teres see page 46

We are in a position to fill and stock entire greenhouses and conservatories with Orchids, and can also furnish men to grow them. Write for information.

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